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ABSTRACT

This needs assessment study obtained data from several groups of Pinal County residents to aid the Board and administrators of the Arizona College of Technology (ACT) in meeting the educational needs of county residents. Survey instruments were designed and distributed among high school students, current and former ACT students, local residents and employers, and ACT faculty, staff, and advisory committee members. Information was collected on high school students' educational plans; interest in ACT courses and programs; the image of ACT; evaluations of ACT experiences, facilities, and programs; occupational and educational interests; local employment needs; and college effectiveness in the community. Of high school students (1,482 from four area schools), over 50% planned to attend college; ACT ranked as first choice among juniors and seniors; while over 30% perceived ACT as a "friendly place", nearly 40% knew nothing about the college. Over 70% of current and 80% of former students were satisfied with ACT experiences. Of residents (315), approximately 66% expressed interest in attending the college; 60% reported employment skills they wanted to develop or improve. Major employers (four mines) felt existing ACT programs corresponded to their personnel requirements in several areas. Recommendations based on study findings are discussed. (TR)

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A NEEDS ASSESSMENT AND ATTITUDE STUDY
FOR LONG-RANGE PLANNING

A R I Z O N A C O L L E G E O F T E C H N O L O G Y

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March, 1977



THE UNIVERSITY OF ARIZONA

TUCSON, ARIZONA 85721

COLLEGE OF EDUCATION

BUREAU OF SCHOOL SERVICES

Letter of Transmittal

Dr. Mel A. Everingham, President
Pinal County Community College District
Coolidge, Arizona 85228

Dear Sir:

Herewith is transmitted through you to the District Governing Board for Pinal County Community College District a report entitled "A Needs Assessment and Attitude Study for Long-Range Planning - Arizona College of Technology." The study was undertaken and this report prepared in compliance with the terms of a written agreement between Pinal County Community College District and the Bureau of Educational Services, College of Education, the University of Arizona.

It is not intended that this study be exhaustive but it is an in-depth effort. We are confident that the findings will be of valuable assistance in planning for the future of Arizona College of Technology. At the same time, it should be recognized that subsequent studies will be needed since changing conditions can at a later date produce findings different from those reported herein.

In presenting this report we wish to express our appreciation for the excellent cooperation received from the administration, faculty and staff, current and former students at Arizona College of Technology, and from high school students, advisory committee members, employers and residents of the service area. It has been a pleasure to work with them.

Sincerely,

Raymond E. Schultz

Raymond E. Schultz,
Professor of Higher Education
and Project Director

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SECTION I

BACKGROUND OF STUDY

Arizona College of Technology, a unit of the Pinal County Community College District began full operation in the fall of 1974. It is located just off State Highway 77 between Mammoth and Winkelman on the Aravaipa Road. The College serves three general population areas (1) the Oracle, Mammoth, San Manuel area, (2) the Kearny, Hayden, Winkelman area, and (3) the Superior area. Since the College began operation on its new campus in the fall of 1974, it has served many people in eastern Pinal County as shown by the following enrollment figures.

<u>Headcount Enrollment</u>	<u>Fall 1974</u>	<u>Fall 1975</u>	<u>Fall 1976</u>
1. On-campus	353	381	512
2. Off-campus	543	870	531
<u>Full-Time Equivalent Students</u>			
1. On-campus	180*	335*	324
2. Off-campus	195*	315*	172

*Approximate figures

Long-range planning had been done prior to construction of the A.C.T. campus but it became evident by 1976 that, because of the on-campus growth along with changes, interests and needs, that another assessment was needed if the College was to serve eastern Pinal County effectively in the years ahead. To that end a grant was obtained from the Arizona Department of Education to conduct a needs assessment study as the basis for developing

a long-range educational plan. Arrangements were made with the Bureau of Educational Services, University of Arizona, to conduct the study. It was carried out under the direction of Dr. Raymond E. Schultz, Professor of Higher Education, University of Arizona.

SECTION II

PURPOSE AND METHOD OF THE STUDY

This study, as noted in the preceding section, was undertaken to obtain data and information needed by the Board and administrators of Pinal Community College District to effectively plan for serving the educational needs of the people of eastern Pinal County.

The method employed for doing this was to obtain information from all population segments of the service area. To accomplish this survey, instruments were developed and administered to each of the following groups:

1. Students (grades 9-12) at the Superior, Ray, Hayden, and San Manuel High Schools (Appendix A).
2. Current A.C.T. students (Appendix B).
3. Former A.C.T. students (Appendix C).
4. Residents of the service area (Appendix D).
5. Employers of the service area (Appendix E and F).
6. Faculty, staff, and advisory committees at A.C.T. (Appendix G and H).

These survey forms sought information which would provide answers to such basic questions for each group as follows:

A. High School Students

- What educational plans do they have beyond high school?
- What institutions do those who plan to continue their education beyond high school expect to attend?
- What are the course and program interests of those who are considering attending A.C.T.?
- What image do these high school students have of A.C.T.?

B. Current Students

- How do they rate their experiences at A.C.T.?
- What is their evaluation of the institution's facilities?
- What were their choices of existing programs and what are their interests in proposed new programs?
- What are their future occupational and educational interests?

C. Former Students

- How do they rate their experiences at A.C.T.?
- What are their ratings of various services offered?
- What were their choices of existing programs and what are their interests in proposed new programs?
- What have they done educationally and occupationally since leaving A.C.T.?

D. Residents of the Service Area

- What interest is there in courses, programs or services offered by A.C.T.?
- What courses, programs and services do they think should be offered by A.C.T.?
- What image do they have of the College?

E. Employers of the Service Area

- What local employment needs exist which A.C.T. might help meet?
- Are there additional courses, programs or services which they would like A.C.T. to provide?
- When should courses and programs be offered to best serve employers?

F. Faculty and Staff

- How well do faculty and staff believe that programs and services are benefitting the area served by the College?
- What improvements or additions do they believe should be made in programs and services?
- How do they view the adequacy of existing facilities for carrying out the work of the College?

G. Advisory Committees

- How do they view the effectiveness with which they are being utilized?
- What are their evaluations of the program for which they serve as advisory committee members?
- Do they think that changes should be made in the programs for which they serve as advisory committee members?

SECTION III

PRESENTATION OF DATA¹

A. High School Students

Fourteen hundred and eighty-two students from Ray, San Manuel, Superior, and Hayden high schools completed this questionnaire. Over half of these indicated they definitely plan to attend college; another one-third were undecided. Of all students, one-third plan to attend college full time while another one-sixth will go part time. Analysis reveals that children of professionals, supervisors or foremen, and technicians are significantly more likely to go to college, while children of semi-skilled workers are less sure of their plans. Of respondents who do not plan to go to college, or are undecided, the most common reasons are not knowing what they want to do, and a desire to earn money. This dollar consideration is much more apparent among male respondents than among females.

Among institutions of post-secondary learning, Arizona College of Technology ranks first among the juniors and seniors, followed by Northern Arizona University, the University of Arizona, and Central Arizona College. There is a significant difference between 9th and 10th graders versus 11th and 12th graders when it comes to certain college choices. The lower classmen are much more in favor of A.S.U. and the U. of A., and much less in favor of "Another Community College" than are the upper classmen. The two major universities are less popular with juniors and seniors, but only

¹ All percentages reported are in terms of sub-total population, i.e., high school students, current students, former students, etc.

"Another Community College" improves significantly in their rankings. Arizona College of Technology has about equal interest among high school students of various grade levels.

Reasons that juniors and seniors give for attending an institution other than A.C.T. include the reputation or quality of the school or program, the type of program desired by the student, and other considerations as noted in Table 6.

Over one-third of all students aspire to professional careers, about 15% want to be skilled workers, and the rest are spread throughout numerous categories. These student career choices correlate moderately with the occupation of the head of their household. The most popular choices of college programs for juniors and seniors were skilled worker, business and management, health, education, liberal arts and fine arts. However, when asked to select from possible A.C.T. majors, students favored secretarial, agriculture, electrical technology and diesel mechanics. These program choices showed significant correlation with the sex of the respondent. Areas under consideration by A.C.T. that found strong favor with juniors and seniors included wildlife and game management, auto body and fender repair, heavy equipment operation, gunsmithing, and small engine repair. Popular areas suggested by students were education, music and others. In the above-open-ended question, respondents listed some programs already offered by A.C.T., indicating either difficulty with the question or a lack of knowledge about A.C.T.

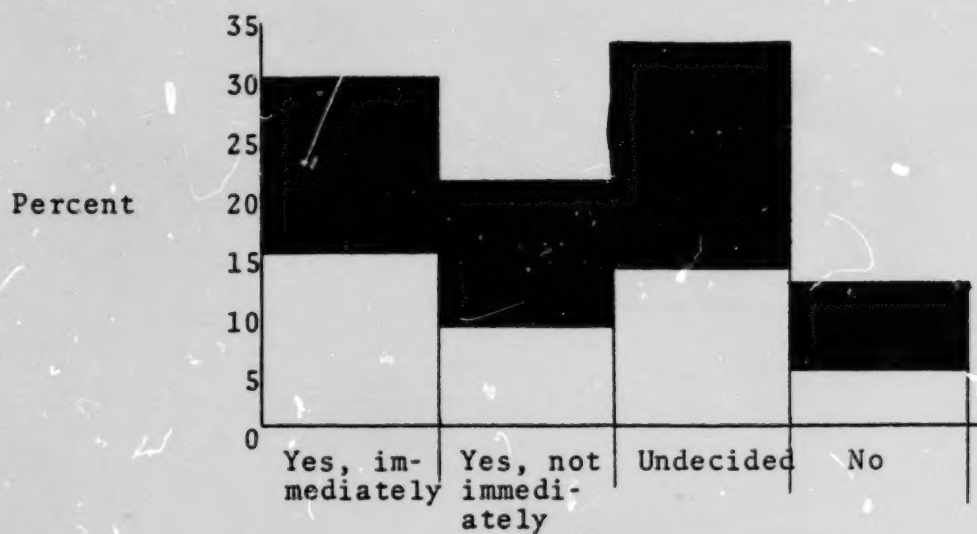
Responses to question 10 showed that many students were poorly informed about A.C.T., since "I know almost nothing about A.C.T." received more agreement than any other statement. Respondents also showed some lack of

enthusiasm for the A.C.T. faculty, while giving the school high marks for friendliness, being a good place for undecided students, and for offering classes that can help in getting jobs.

Respondents were evenly divided between males and females. The most common occupation reported for the head of the student's family was semi-skilled worker, followed by skilled worker, supervisor, and professional. About 12% report siblings who attend or have attended A.C.T.; more siblings have gone to other colleges and universities.

Over 60% of respondents come from bilingual households, mostly where both English and Spanish are spoken.

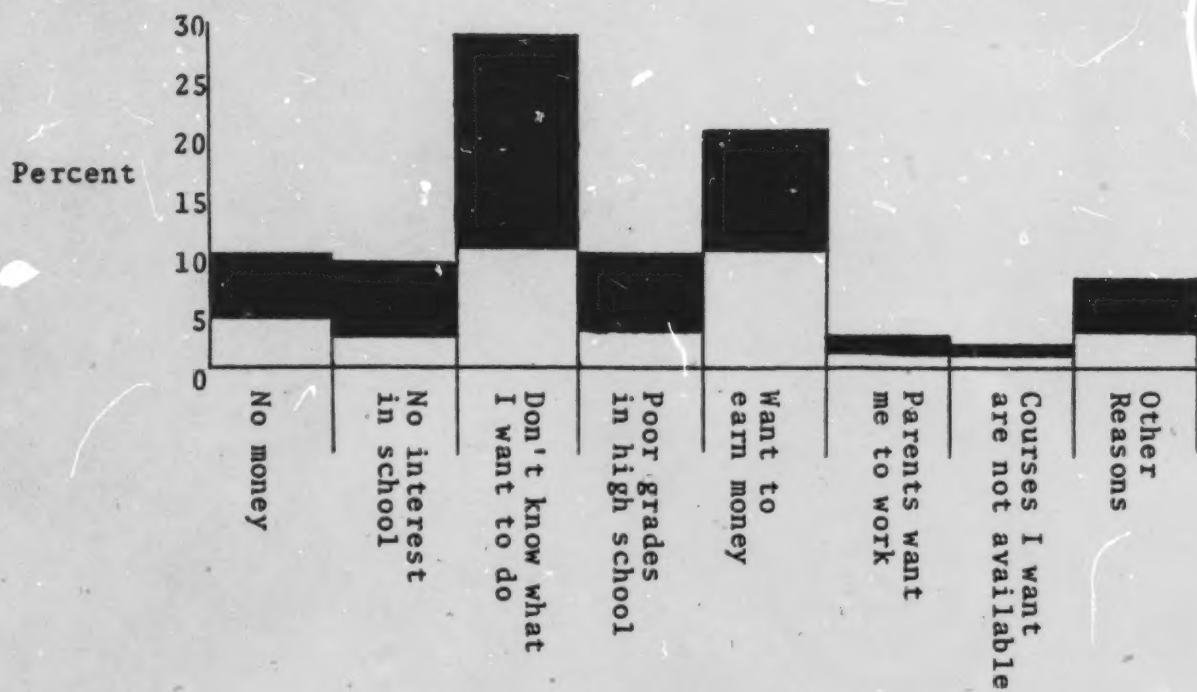
1. Do you plan to go to college after your graduation?



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

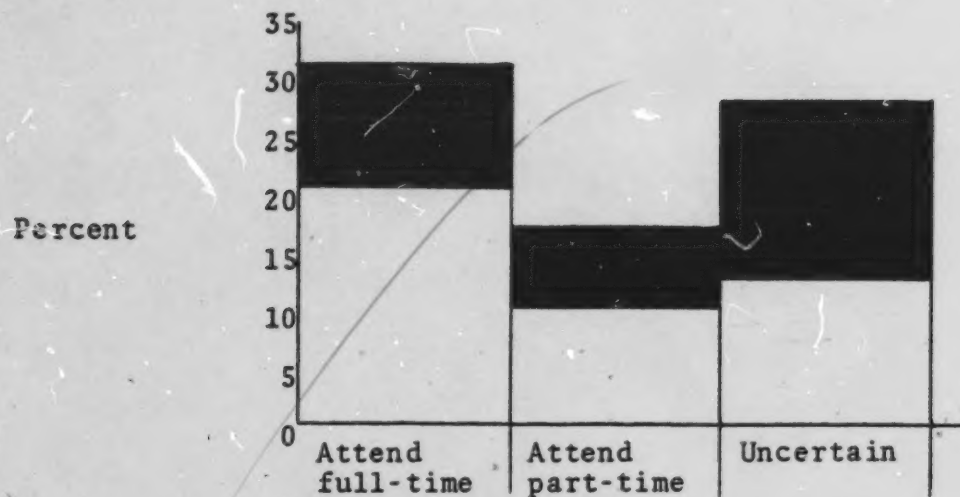
2. If you are not planning or are undecided about going to college, what are the reasons? (Check all of the following that apply):



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

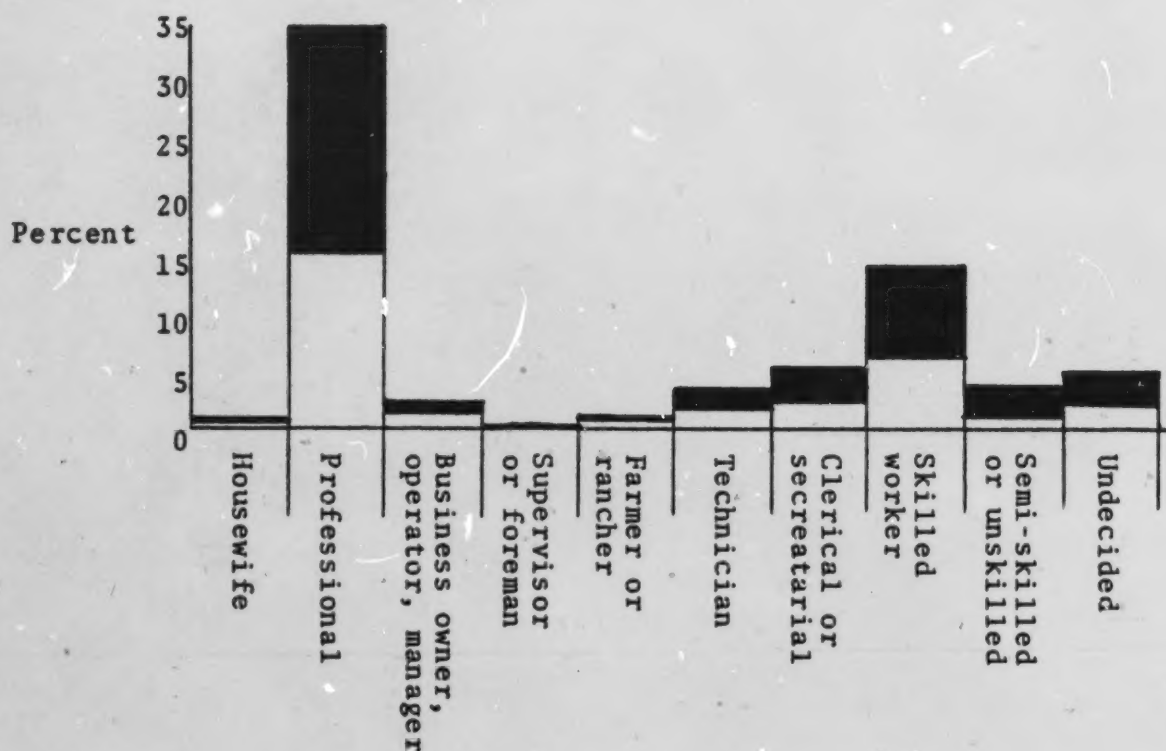
3. If you expect to go to college after getting out of high school, do you plan to:



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

4. What type of work would you like to be doing five to ten years from now? (Tell exactly if you can. You may list more than one preference.)



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

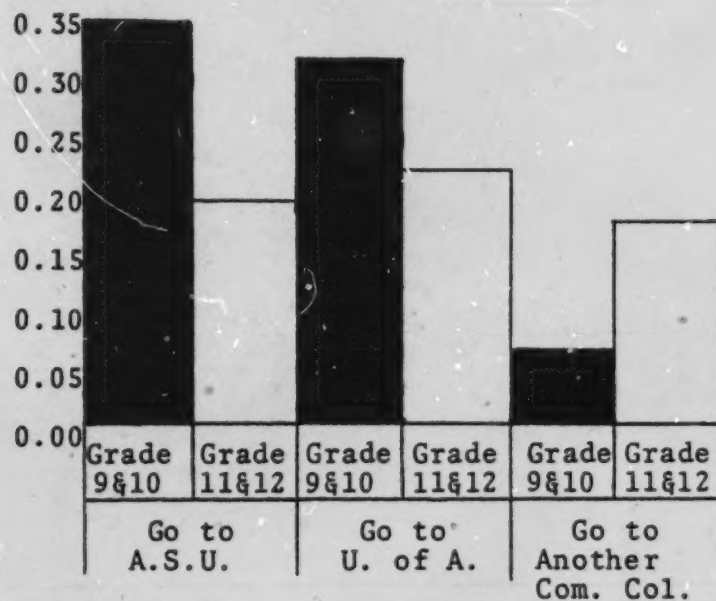
5. If you plan to go to college, either immediately after graduation or at some later time, to which college are you going? (If you are considering more than one college or specialized school, place a "1" before your first choice, a "2" before your second choice, and a "3" if you have a third choice.)

	Frequency		
	First	Second	Third
Arizona College of Technology	109	38	28
Central Arizona College at Coolidge	60	44	19
Arizona State University	53	61	18
Northern Arizona University	72	48	37
University of Arizona	61	50	37
A vocational, business, or technical school or college	48	14	7
Another college or university	52	25	15
Another Community College	54	44	16

This table represents the responses of juniors and seniors only.

5. If you plan to go to college, either immediately after graduation or at some later time, to which college are you going? (If you are considering more than one college or specialized school, place a "1" before your first choice, a "2" before your second choice, and a "3" if you have a third choice.)

Total votes
per class
Number in
class



6. If you plan to attend a college other than Arizona College of Technology, why are you choosing it?

	<u>Frequency</u>
<u>Reputation or quality of school or program</u>	79
<u>Desire to attend a four-year college</u>	24
<u>Desire to be away from home</u>	36
<u>Parents' wish</u>	6
<u>Type of program offered</u>	71
<u>Program desired not at A.C.T.</u>	22
<u>Closer, less expensive</u>	24
<u>Larger school.</u>	27
<u>Other--location, size, opportunity for jobs, friends attending, relatives to live with or nearby, family member attended same, education paid for to attend, scholarship</u>	54

This table represents the responses of juniors and seniors only.

7. If you expect to go to college, what do you plan to study?

	<u>Frequency</u>
<u>Science</u>	<u>18</u>
<u>Business and management</u>	<u>52</u>
<u>Health</u>	<u>45</u>
<u>Law</u>	<u>14</u>
<u>Education</u>	<u>40</u>
<u>Liberal Arts major</u>	<u>40</u>
<u>Fine Arts major</u>	<u>40</u>
<u>Technology</u>	<u>43</u>
<u>Skilled worker</u>	<u>65</u>
<u>Secretarial</u>	<u>24</u>
<u>Agriculture</u>	<u>6</u>
<u>Home Economics</u>	<u>7</u>
<u>Forestry</u>	<u>13</u>
<u>Veterinarian</u>	<u>1</u>
<u>Law enforcement</u>	<u>6</u>
<u>Engineering</u>	<u>14</u>
<u>Beautician</u>	<u>3</u>
<u>Other</u>	<u>8</u>

This table represents the responses of juniors and seniors only.

8. Following are programs offered by Arizona College of Technology (A.C.T. for short). If you were to go to A.C.T., what program would you select? (Place a "1" after your first choice. If you would consider other programs place a "2" after your second choice, and a "3" after your third choice.)

	Frequency		
	First	Second	Third
Administration of Justice	29	9	5
Agriculture	44	20	6
Building Trades	28	15	17
Child Development	28	25	8
Civil Engineering Technology	19	7	9
Dental Assisting	19	19	12
Diesel Mechanics	38	30	12
Drafting	22	20	10
Electrical Technology	40	24	17
Machine Shop Technology	15	17	18
Marketing	1	11	6
Management	11	15	14
Mining Technology	23	25	10
Office Secretary	48	21	7
Radiology Technology	6	7	10
Refrigeration and Air Conditioning	4	9	5
Registered Nurse	27	10	11
Respiratory Therapy	3	8	6
Welding	26	22	37

This table represents the responses of juniors and seniors only.

9. If you are thinking of attending Arizona College of Technology, you may want to take something not now offered there. Below is a partial list of such programs followed by space to add any others not offered at A.C.T. in which you have an interest. Check as many as you are interested in.

	<u>Frequency</u>
<u>Heavy Equipment Operator</u>	<u>90</u>
<u>Solar Energy Technology</u>	<u>32</u>
<u>Auto Body and Fender Repair</u>	<u>115</u>
<u>Building and Grounds Maintenance</u>	<u>11</u>
<u>Data Processing</u>	<u>58</u>
<u>Journalism</u>	<u>43</u>
<u>Numerical Control</u>	<u>9</u>
<u>Traffic Management</u>	<u>13</u>
<u>Natural Resources Conservation</u>	<u>44</u>
<u>Wildlife and Game Management</u>	<u>137</u>
<u>Gunsmithing</u>	<u>86</u>
<u>Small Engine Repair</u>	<u>85</u>

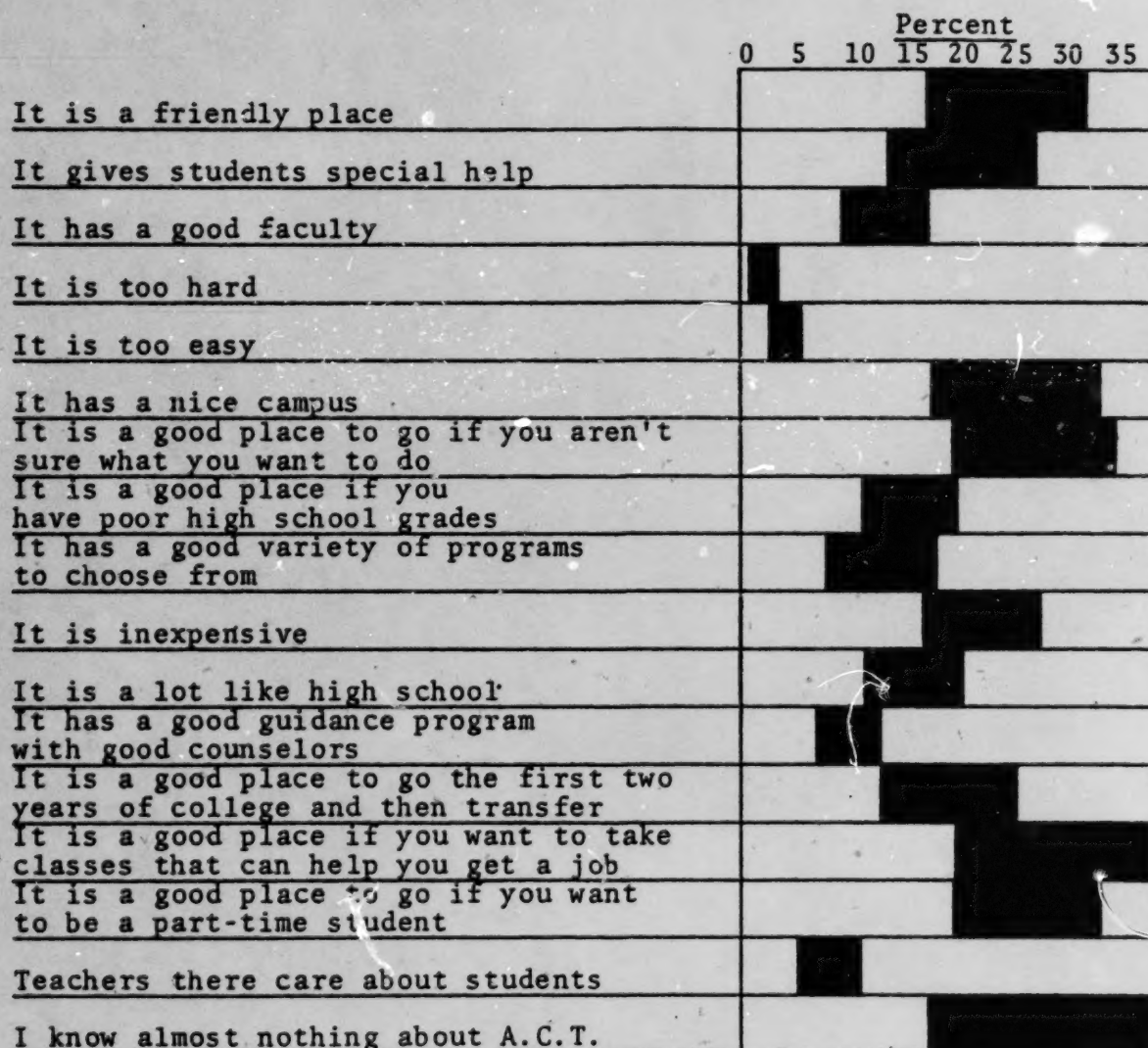
This table represents the responses of juniors and seniors only.

9. If you are thinking of attending Arizona College of Technology, you may want to take something not now offered there. Below is space to list programs not offered at A.C.T. in which you have an interest.

<u>Program Mentioned by 10 or More</u>	<u>Frequency</u>
<u>Accounting</u>	<u>11</u>
<u>Art</u>	<u>13</u>
<u>Auto mechanics</u>	<u>13</u>
<u>Aviation</u>	<u>13</u>
<u>Beautician</u>	<u>13</u>
<u>Education</u>	<u>24</u>
<u>Forestry</u>	<u>11</u>
<u>Home economics, interior decorating</u>	<u>11</u>
<u>Law enforcement</u>	<u>13</u>
<u>Modeling</u>	<u>10</u>
<u>Music</u>	<u>21</u>
<u>Photography</u>	<u>10</u>
<u>Physical education</u>	<u>13</u>
<u>Psychology</u>	<u>10</u>
<u>Secretarial</u>	<u>12</u>

This table represents the responses of all high school students.

10. No doubt you know a little about Arizona College of Technology. Following is a list of things that you might think about A.C.T. Place an "x" before each statement which represents what you now think of A.C.T.



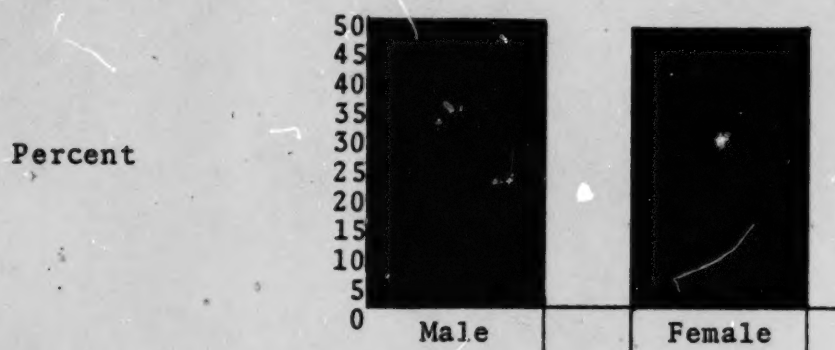
Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

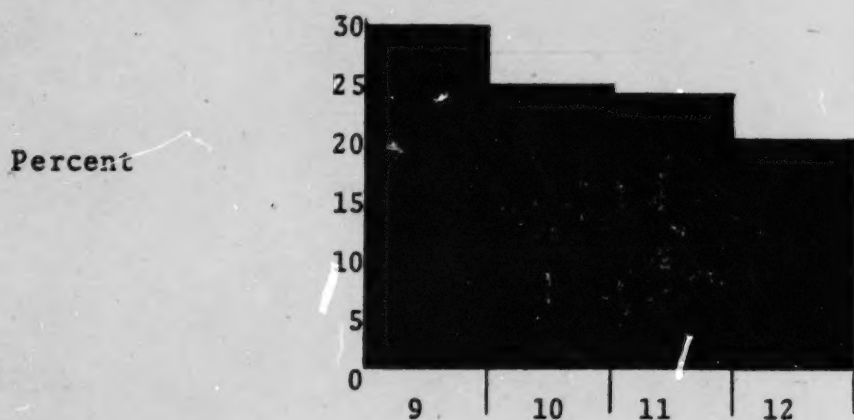
11. What high school are you attending?

	<u>Frequency</u>
<u>Ray</u>	<u>353</u>
<u>San Manuel</u>	<u>567</u>
<u>Superior</u>	<u>332</u>
<u>Hayden</u>	<u>230</u>

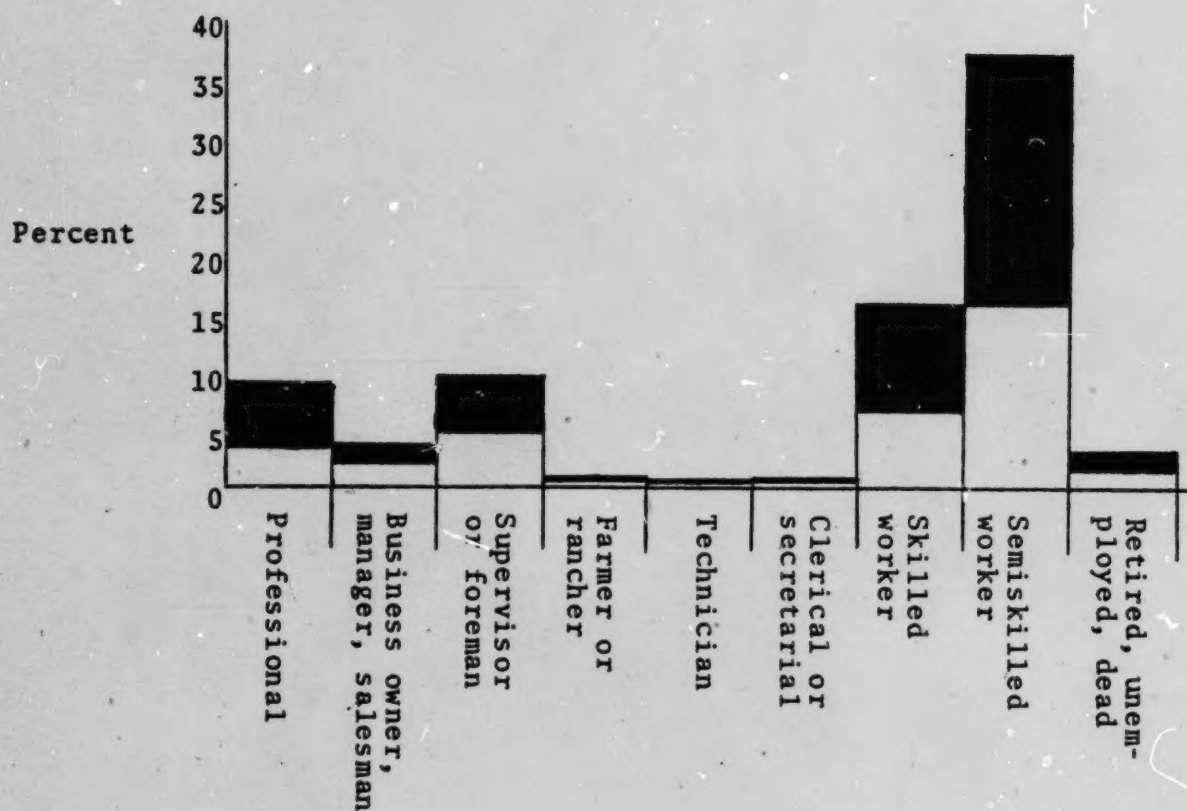
12. Are you a male or a female?



13. What year of school are you in?



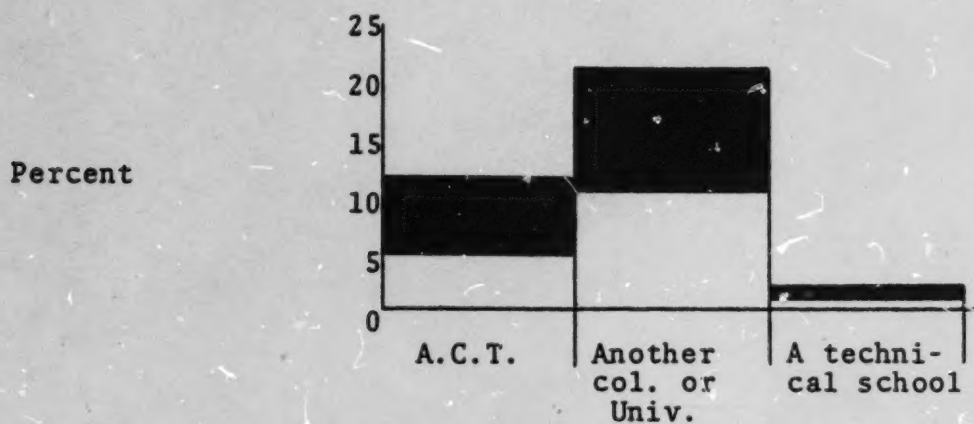
14. What job does the head of your family have?



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

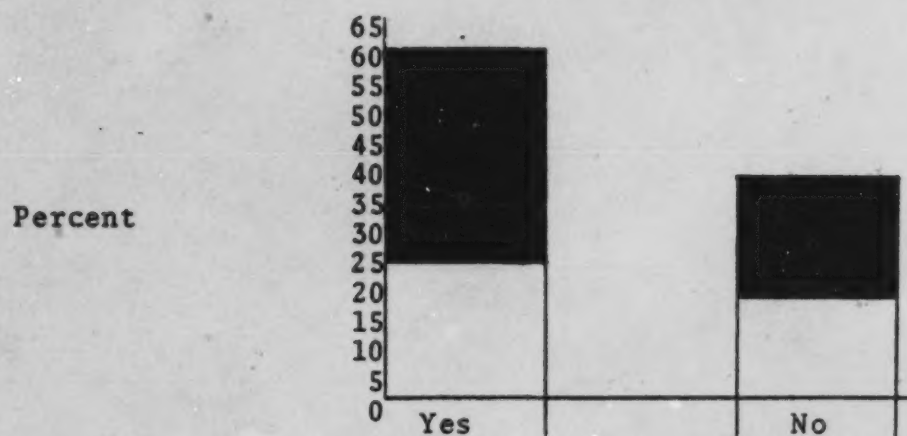
15. Do you now or have you had brothers or sisters who have attended: (Check as many as apply.)



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

16. Do your parents speak a language in addition to English?



Unshaded portion represents juniors and seniors.

Shaded portion represents freshmen and sophomores.

If so, what language?

Spanish--92% of "Yes" responses above.

B. Current Students

Four hundred and forty-four current A.C.T. students completed this questionnaire. They are generally satisfied (70%+) with the courses, times courses are scheduled, and quality of instruction available at A.C.T. In rating college offerings such as student activities, financial aids, and the library, 60% or more note that they are unfamiliar with these offerings. This no doubt reflects the high ratio of off-campus students. Students are better informed about counseling and guidance, faculty advisement, and admission and registration, and rate these all favorably. Thus, A.C.T. scores well on all image questions in the survey.

In evaluating facilities of A.C.T., students find the space for large group gatherings and recreation, the space for student organizations, the science labs, and the bookstore all less than completely adequate.

The most popular current programs of the college are welding, business management, and electronics. Students also responded favorably to many of the programs under consideration for addition by the college. Wildlife and game management, auto body and fender repair, gunsmithing, heavy equipment operator, and solar energy technology each received over 75 votes.

Among future careers, "skilled worker" and "professional" are most often recorded. To further these plans, about 30% of students, primarily the younger, full-time ones, plan to eventually attend another college or university. The state's three universities were most commonly mentioned in this regard. About one-third of respondents also note previous attendance at other post-secondary institutions. The University of Arizona, Central Arizona College, and Arizona State were recorded most often.

Males accounted for over 50% of the respondents, females were about 40%. These students vary considerably in current class load and in the location of

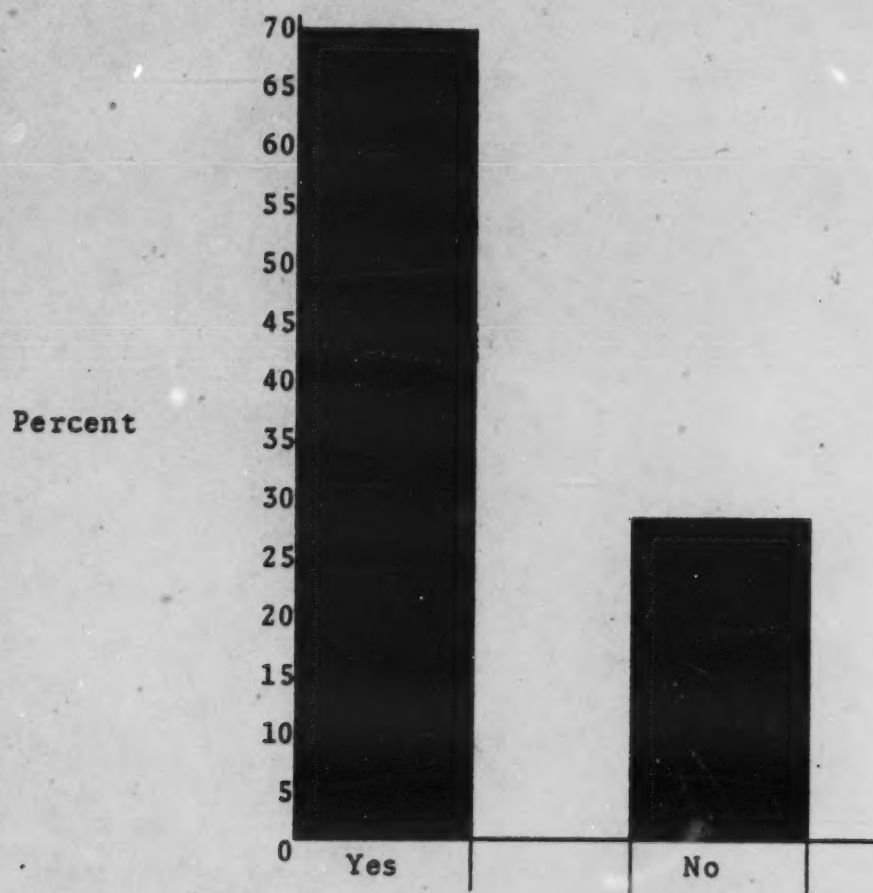
class meetings. Over 80% are high school graduates, primarily from Arizona high schools. Since the largest single age group of respondents is 26-35, considerable pre-1965 high school graduates are recorded.

About half of the students' households are bilingual, usually in Spanish and English. Since most students are married, dormitories are not popular.

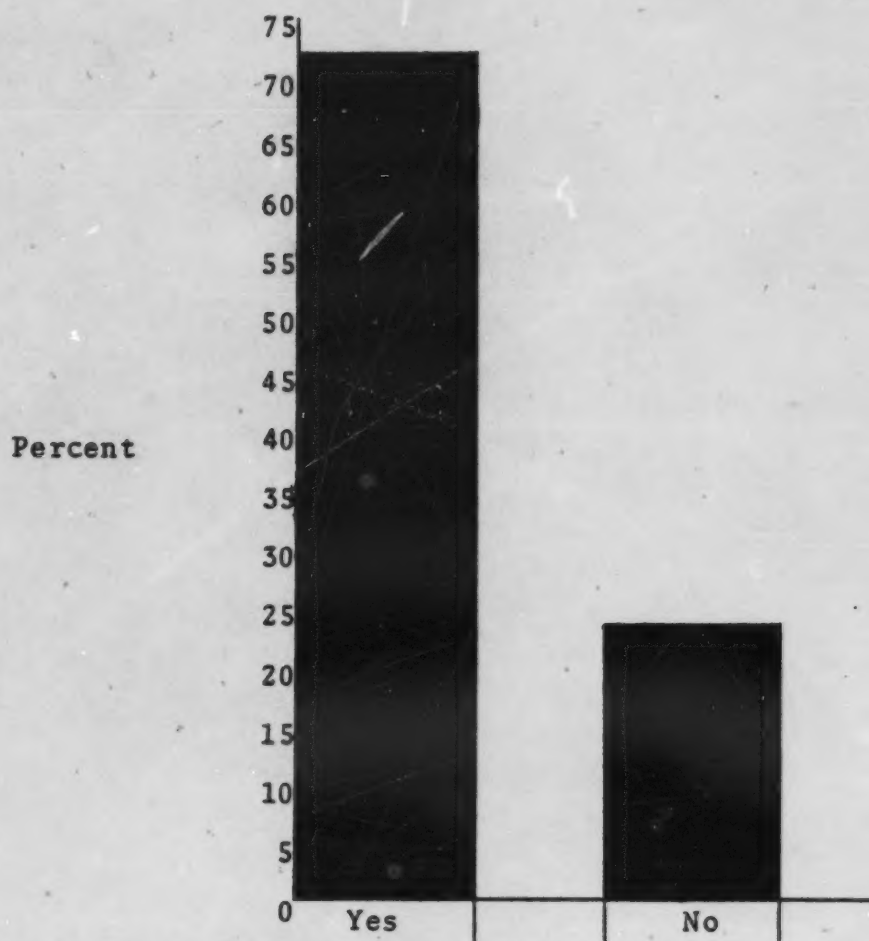
Most students work, almost 25% on shifts, and another 35% on days. They commute varying distances to A.C.T. One-half travel less than 20 miles to school, and half travel more than that distance.

Slightly over 25% of students are receiving veterans' benefits. These students carry significantly more units than non veterans.

1. Have you been able to get the courses and/or programs that you want at A.C.T.?



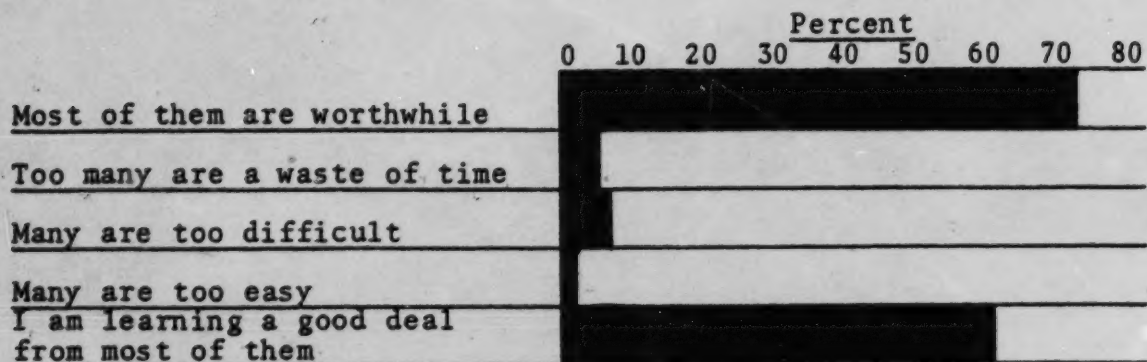
2. Are courses generally offered at times that are convenient for you?



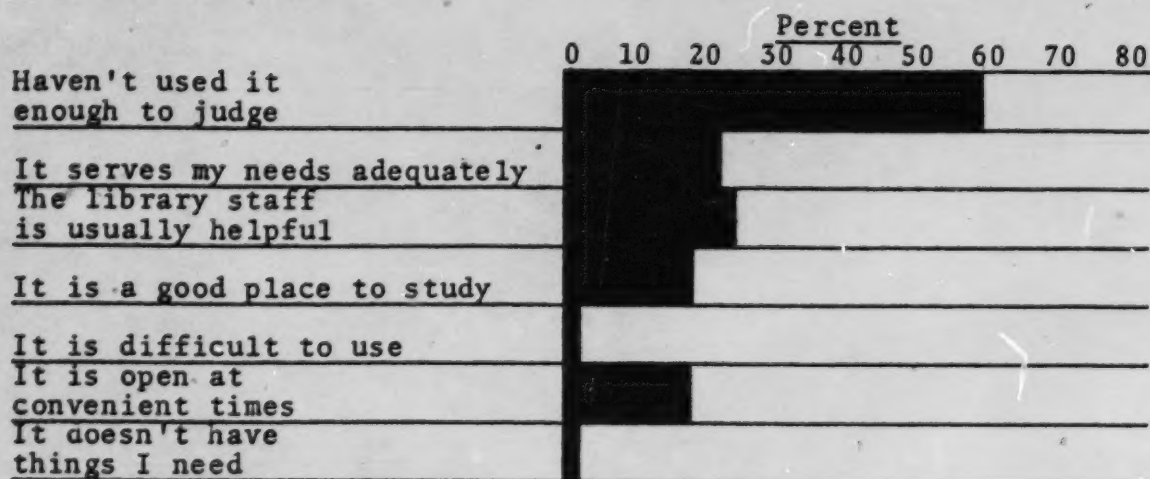
If "no", please explain.

<u>Reasons mentioned by 5 or more</u>	<u>Frequency</u>
<u>Abolish Friday night classes</u>	<u>5</u>
<u>Class conflict</u>	<u>24</u>
<u>Course offered night--prefer day</u>	<u>21</u>
<u>Course offered day--prefer night</u>	<u>33</u>
<u>Class canceled</u>	<u>5</u>
<u>Work days</u>	<u>10</u>
<u>Work shift</u>	<u>13</u>

4. How do you rate the courses which you have taken or are now taking?

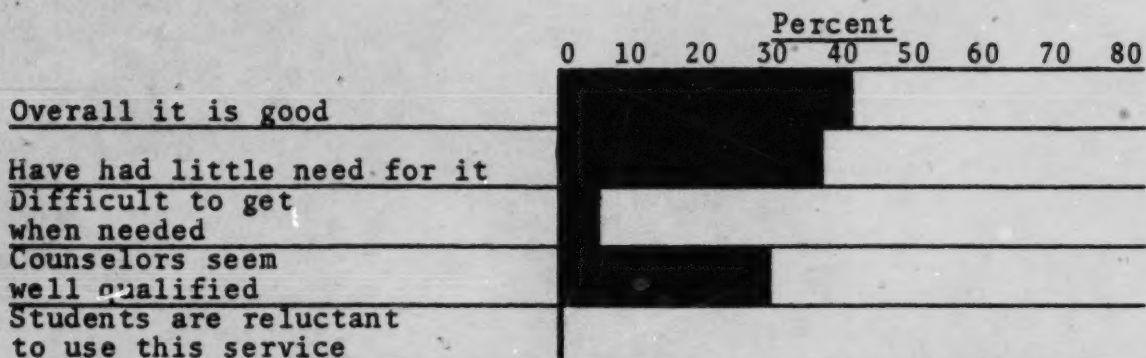


5. How do you rate the library (Instructional Materials Center)?

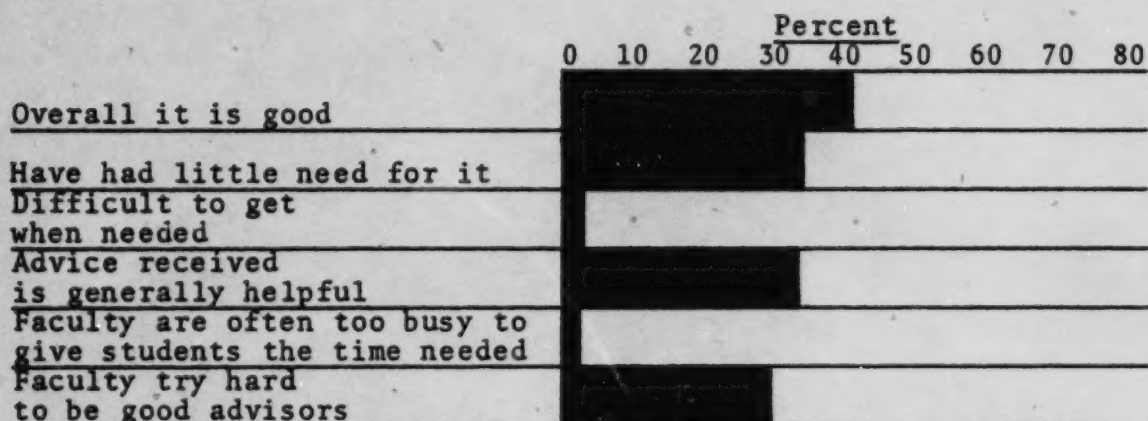


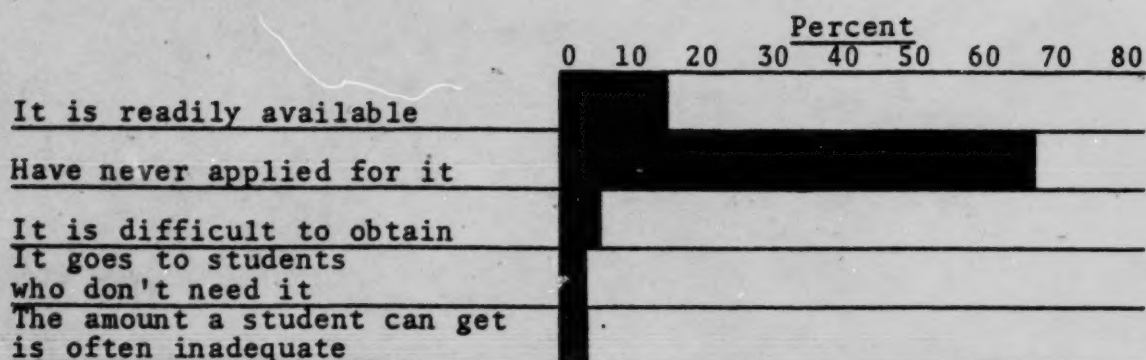
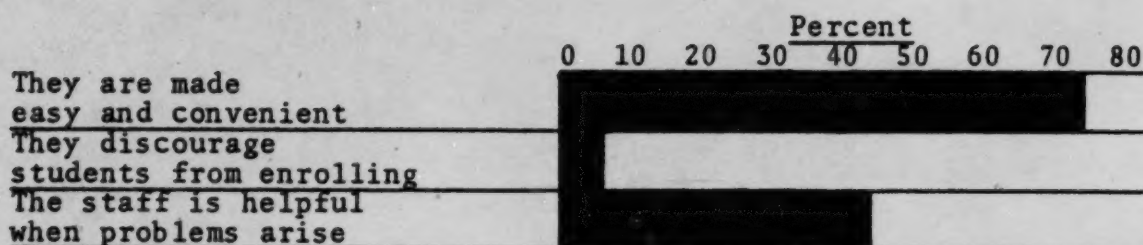
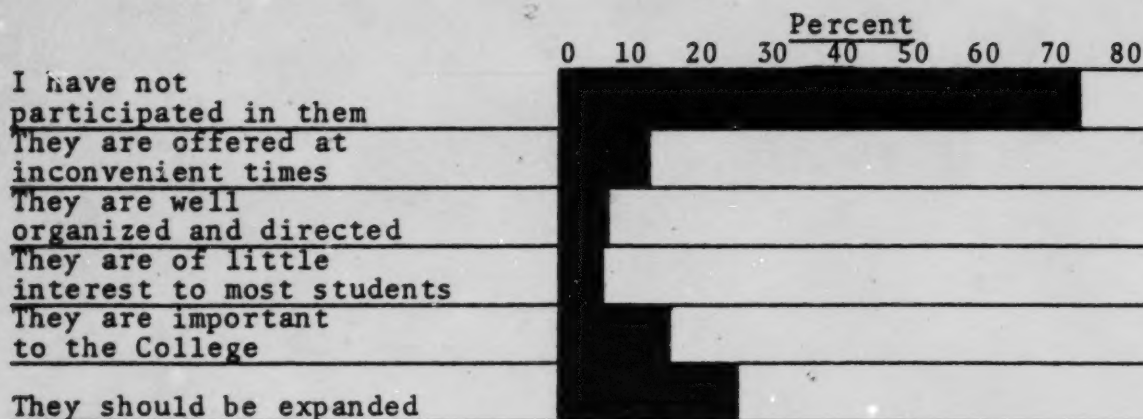
6. How do you rate the student personnel services of A.C.T.?

A. Counseling and Guidance



B. Faculty Advisement



C. Student Financial AssistanceD. Admissions and RegistrationE. Student Activities

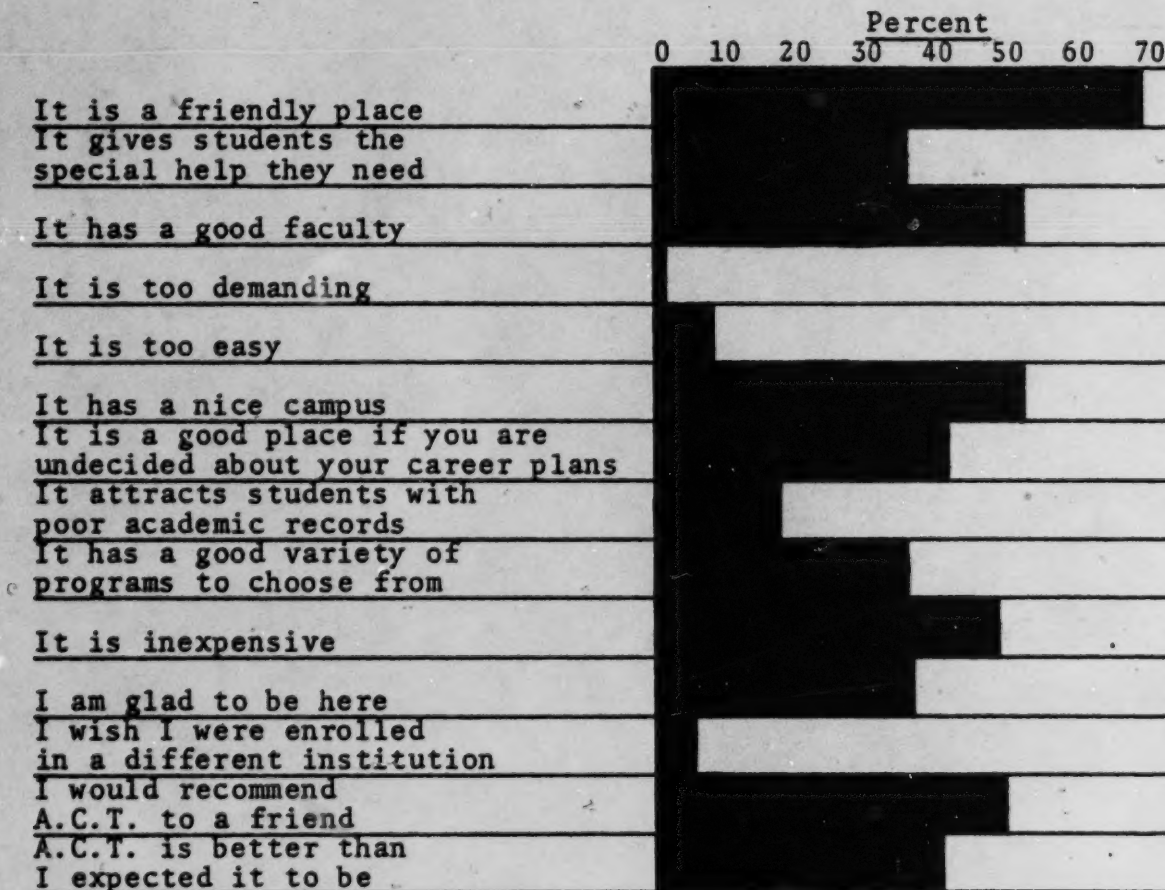
7. Listed below are programs not presently offered at A.C.T. which are being considered for adding. Check those that you would have considered had they been available when you entered A.C.T.

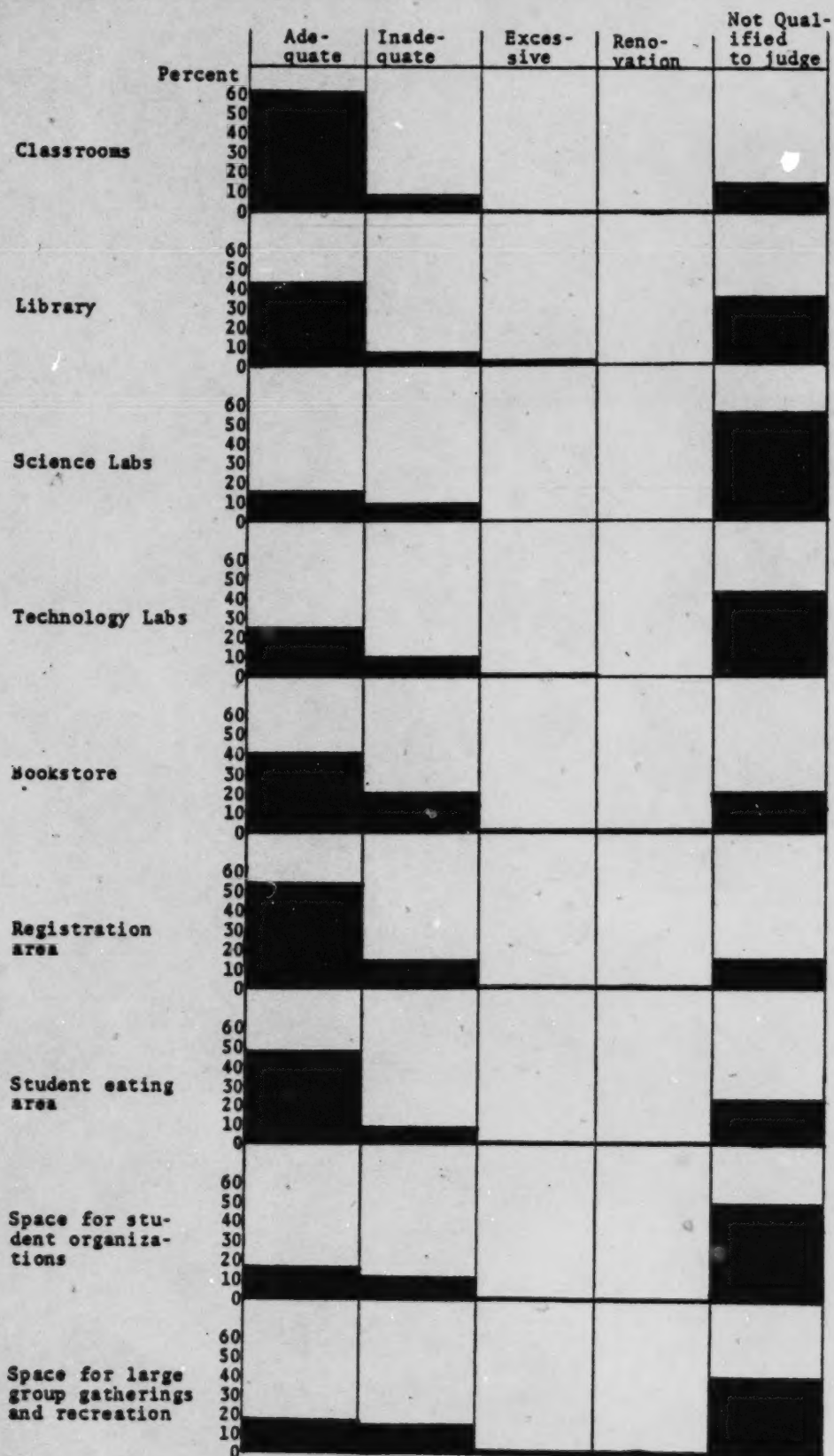
	<u>Frequency</u>
<u>Heavy Equipment Operator</u>	<u>82</u>
<u>Solar Energy Technology</u>	<u>77</u>
<u>Auto Body and Fender Repair</u>	<u>96</u>
<u>Data Processing</u>	<u>70</u>
<u>Journalism</u>	<u>33</u>
<u>Numerical Control</u>	<u>8</u>
<u>Traffic Management</u>	<u>15</u>
<u>Natural Resources Conservation</u>	<u>59</u>
<u>Wildlife and Game Management</u>	<u>104</u>
<u>Gunsmithing</u>	<u>91</u>
<u>Small Engine Repair</u>	<u>67</u>

List any others not available that are of serious interest to you.

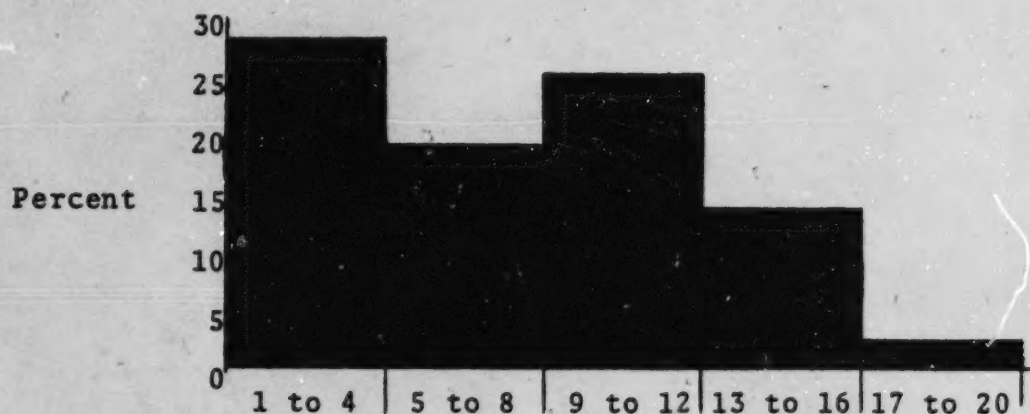
<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Aviation</u>	<u>5</u>
<u>Drafting</u>	<u>6</u>
<u>Nursing</u>	<u>8</u>
<u>Women's Physical Education</u>	<u>6</u>

8. During your enrollment at A.C.T. you have formed certain impressions of it. Following is a list of statements which suggest impressions one might have of an educational institution. Place an "x" before each statement which represents an impression you have of A.C.T.

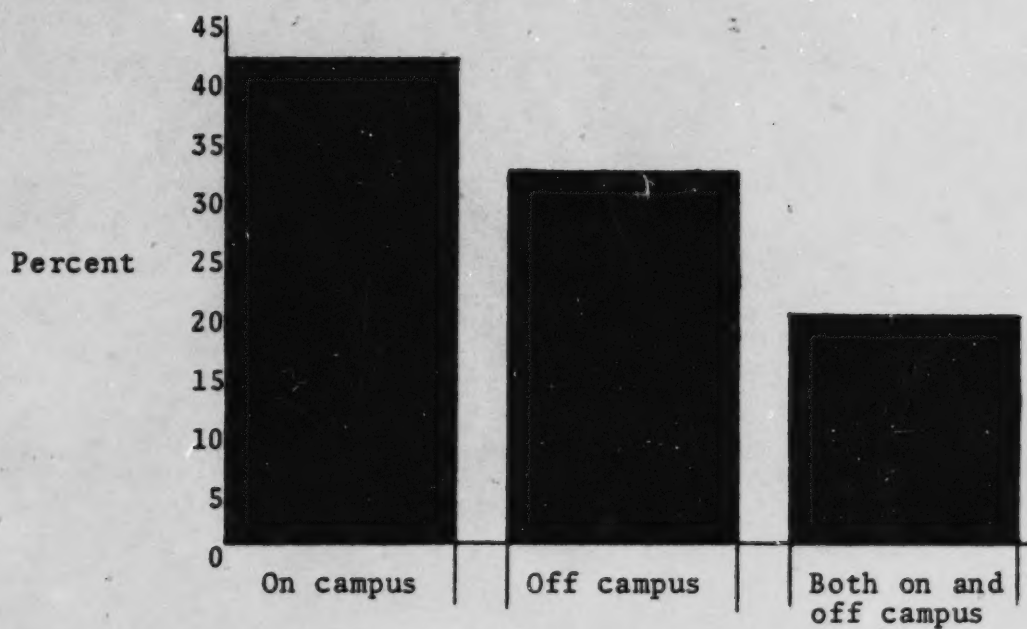




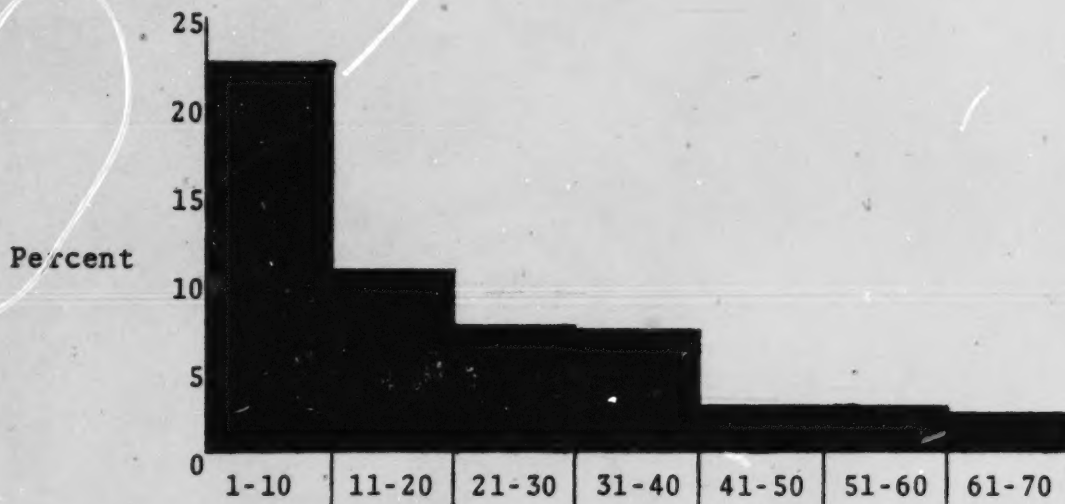
10. For how many credit hours are you enrolled the current semester?



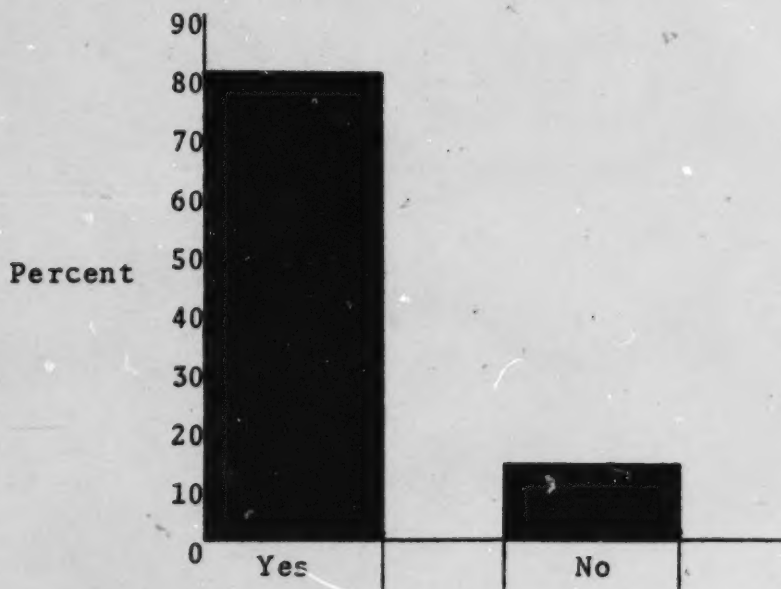
11. Where are the classes you are taking offered?



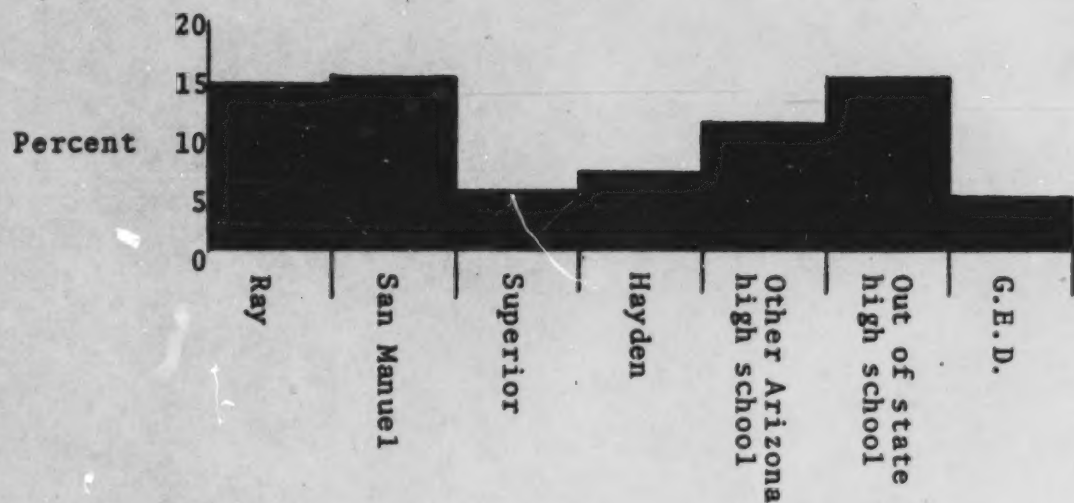
12. How many credit hours have you completed at A.C.T. prior to the current semester?



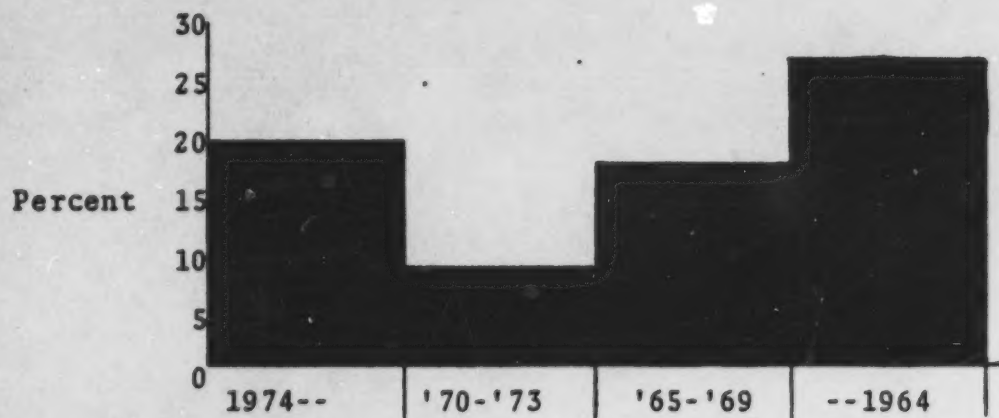
13. Are you a high school graduate?



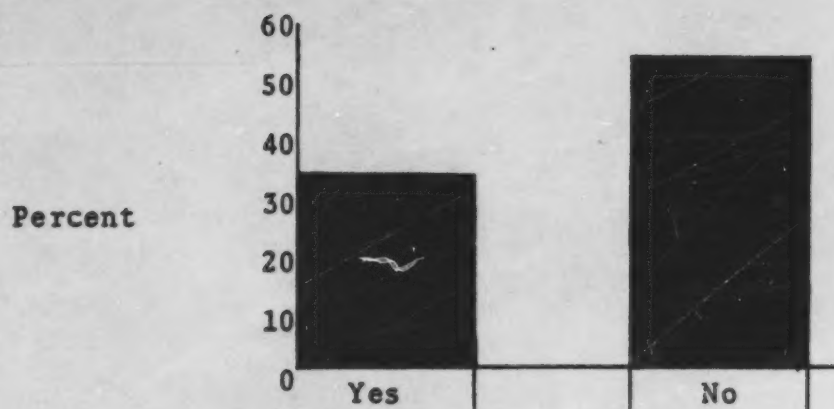
From what high school did you graduate?



When did you graduate from high school?



14. Have you attended other colleges, universities, or technical schools?



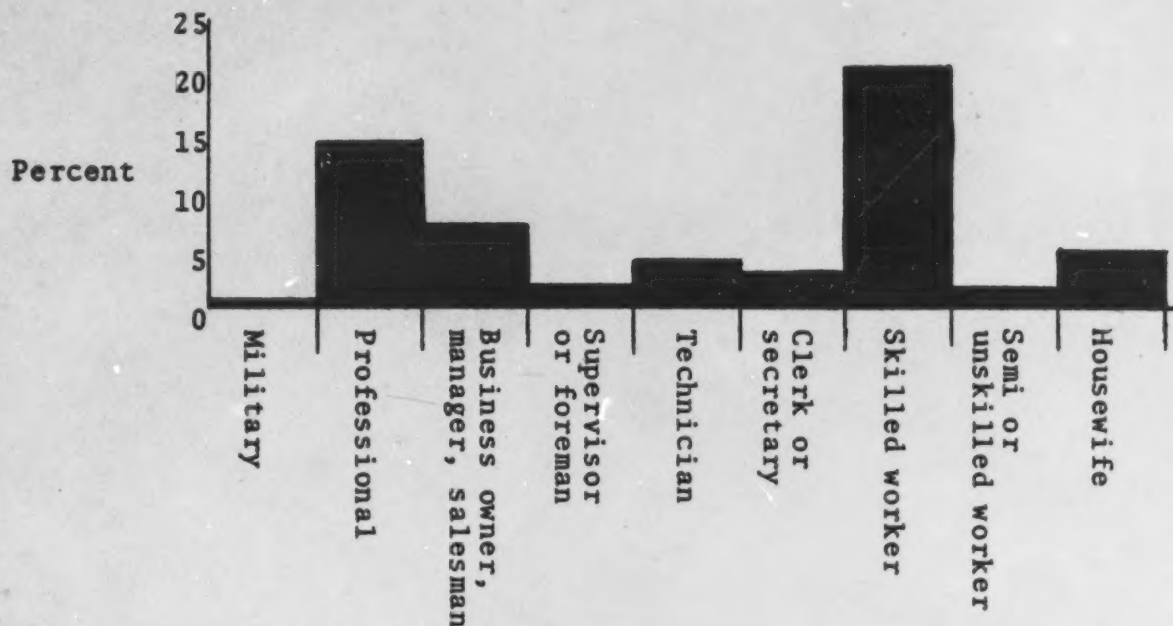
If "yes", please list.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Arizona State University</u>	<u>28</u>
<u>Central Arizona College</u>	<u>36</u>
<u>Cochise College</u>	<u>6</u>
<u>Eastern Arizona College</u>	<u>20</u>
<u>Mesa Community College</u>	<u>9</u>
<u>Maricopa Tech.</u>	<u>5</u>
<u>Military Tech. School</u>	<u>6</u>
<u>Northern Arizona University</u>	<u>24</u>
<u>Pima College</u>	<u>11</u>
<u>University of Arizona</u>	<u>50</u>
<u>Western New Mexico University</u>	<u>7</u>

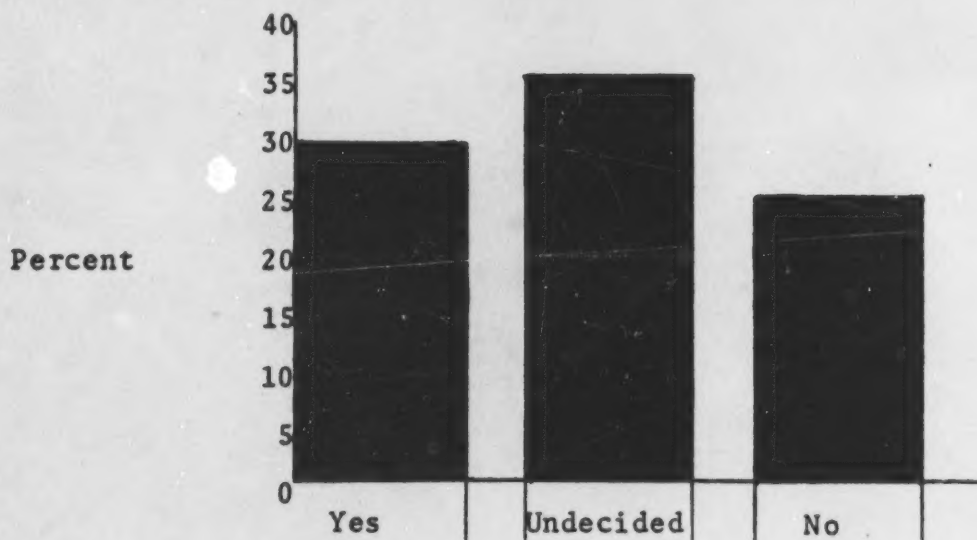
15. What program are you enrolled in at A.C.T.?

	<u>Frequency</u>
<u>Administration of Justice</u>	<u>6</u>
<u>Agriculture</u>	<u>1</u>
<u>Allied Health</u>	<u>12</u>
<u>Auto Mechanics</u>	<u>19</u>
<u>Building Trades</u>	<u>6</u>
<u>Civil Engineering Technology</u>	<u>1</u>
<u>Diesel Mechanics</u>	<u>12</u>
<u>Drafting</u>	<u>1</u>
<u>Early Childhood Education</u>	<u>16</u>
<u>Electronics</u>	<u>25</u>
<u>Fire Science</u>	<u>1</u>
<u>Machine Shop Technology</u>	<u>4</u>
<u>Mid-management Business</u>	<u>36</u>
<u>Mining Technology</u>	<u>7</u>
<u>Office Administration</u>	<u>9</u>
<u>Refrigeration and Air Conditioning</u>	<u>10</u>
<u>Secretarial</u>	<u>2</u>
<u>Welding</u>	<u>47</u>
<u>Occupational--unspecified</u>	<u>48</u>
<u>Transfer</u>	<u>4</u>
<u>Other</u>	<u>57</u>

16. What type of work or activity do you expect to be engaged in five years from now?



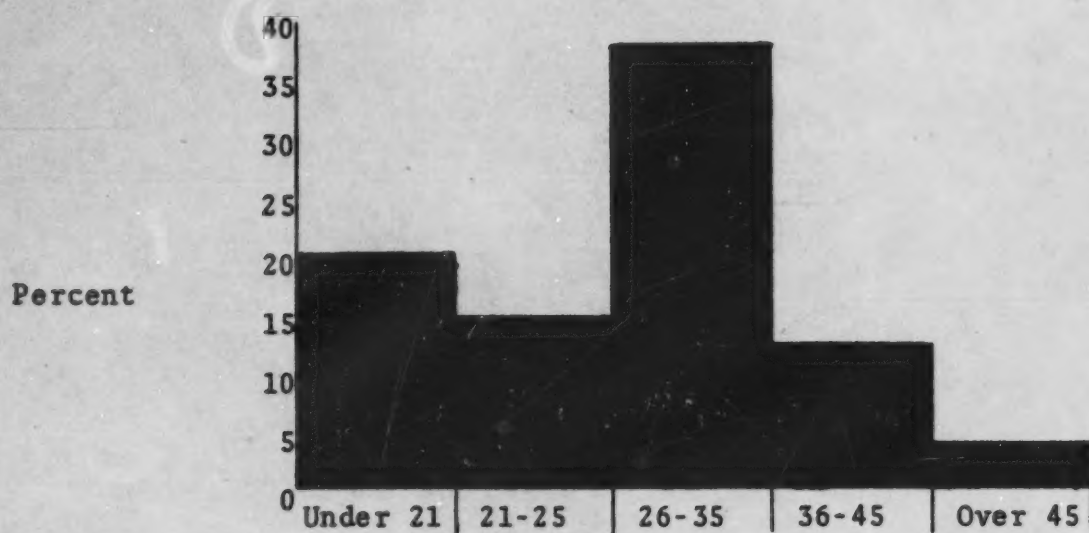
17. Do you plan to attend another college or university after leaving A.C.T.?



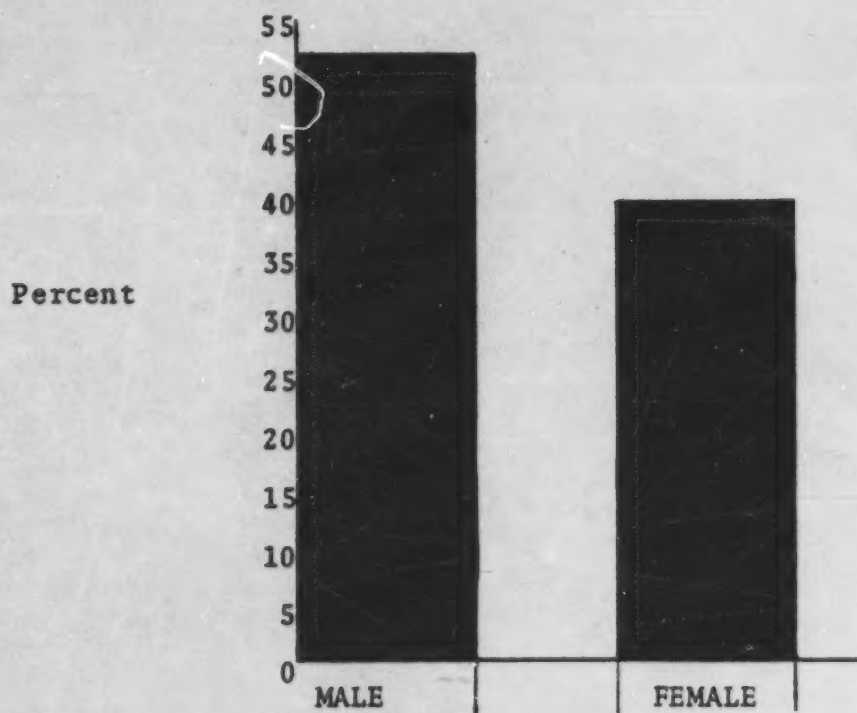
If you do plan to attend another college or university after leaving A.C.T., please indicate what institution.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Arizona State University</u>	<u>32</u>
<u>Central Arizona College</u>	<u>8</u>
<u>Northern Arizona University</u>	<u>16</u>
<u>Pima College</u>	<u>5</u>
<u>University of Arizona</u>	<u>43</u>

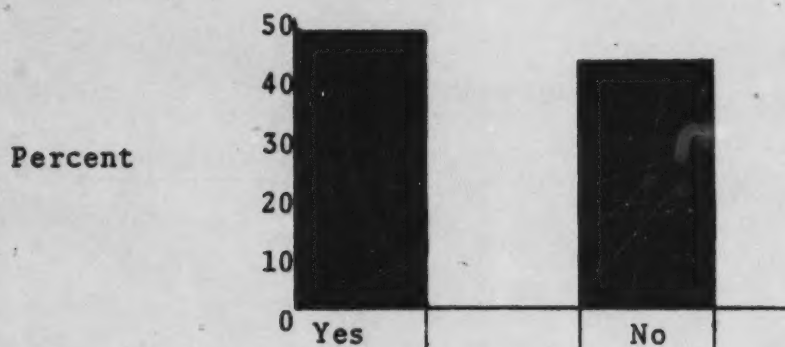
18. In which of the following age groups are you?



19. Are you MALE or FEMALE?



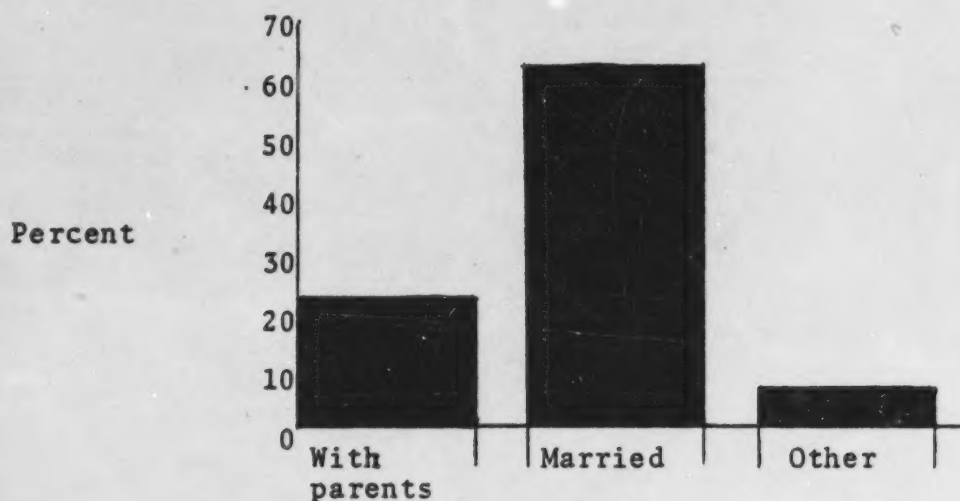
20. Does anyone in your household speak a language in addition to English?



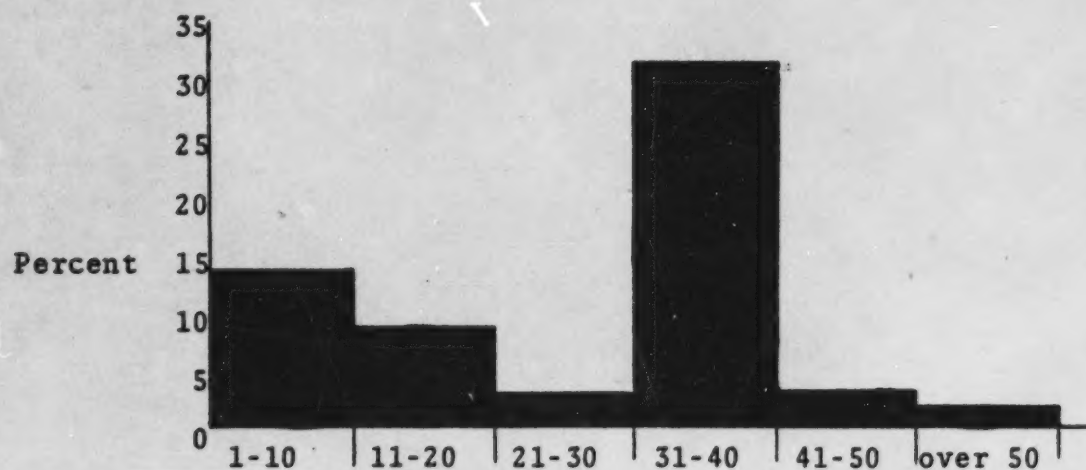
If "yes", what language?

Spanish----91% of "Yes" responses above.

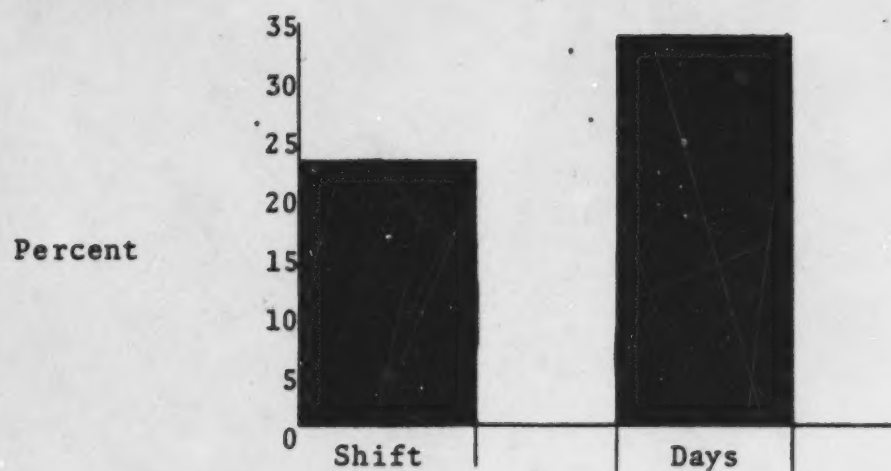
21. Where do you live?



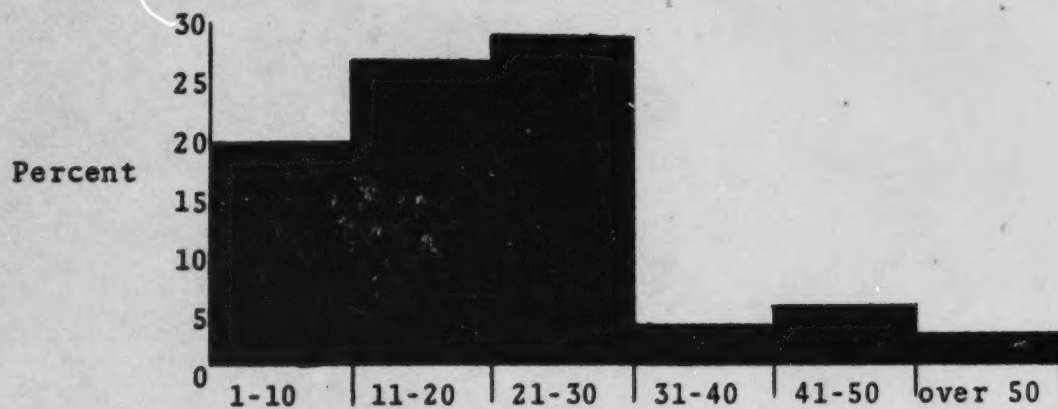
22. Approximately how many hours per week are you employed this semester?



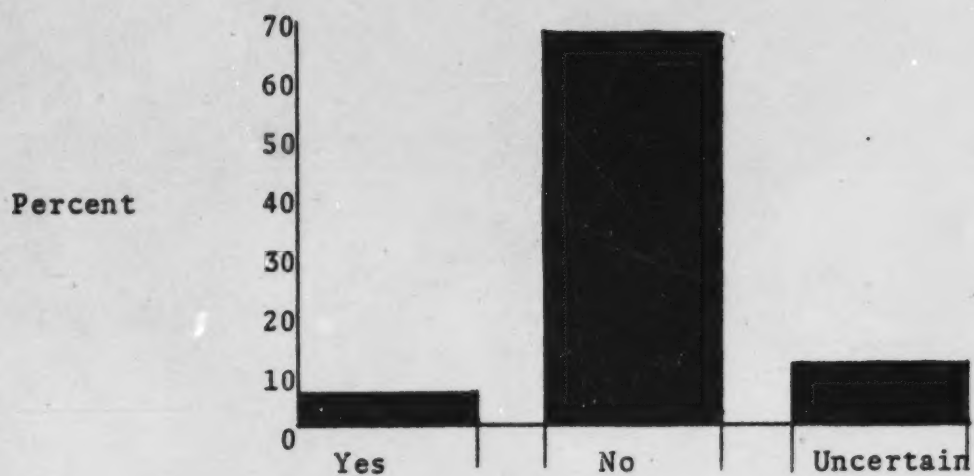
What schedule do you work?



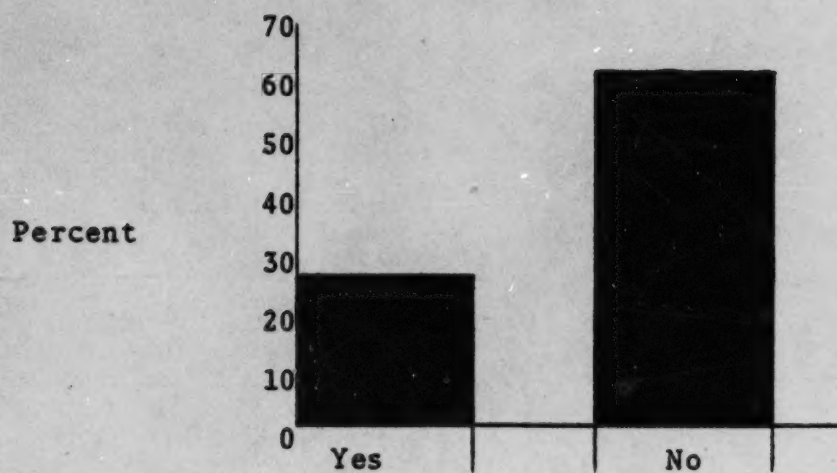
23. How many miles do you live from the A.C.T. campus?



24. If A.C.T. had dormitories, would you live in them?



25. Are you receiving military service veteran benefits?



C. Former Students

Two hundred and twenty-nine former students responded to this survey. Of these, almost 80% expressed satisfaction with the courses that were available at A.C.T. and when courses were available. The quality of instruction was rated good by over 70% of the group. The faculty and courses were also well rated by these respondents. Since more than half of the respondents completed less than 10 credit units at A.C.T., many were unfamiliar with college services such as the library, counseling and guidance, financial assistance and student activities. Faculty advisement, admission and registration were better known and were rated favorably. Thus, A.C.T. generally scored well in terms of its image as perceived by former students. The fact is that no one considered A.C.T. "too demanding" may imply that faculty are doing an excellent job of teaching or that they might be justified in placing greater demands on students.

While at A.C.T., these respondents were likely to be holding a job while enrolled in transfer or other non-occupational programs. They expressed substantial interest in programs which the college is considering adding with wildlife and game management and gunsmithing topping the list.

Slightly over half of these former students are now employed. Since area mines are the most frequently reported employers, it follows that the most common occupations are skilled and semi or unskilled worker.

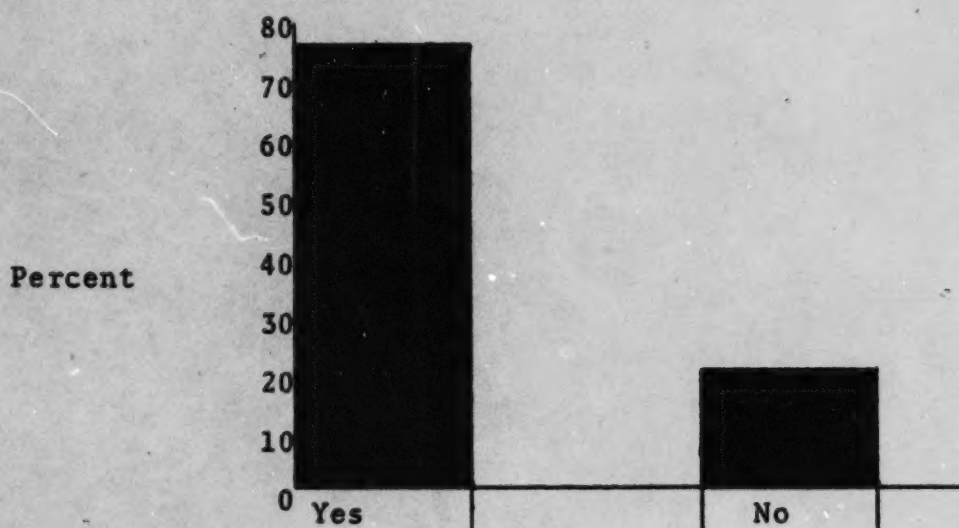
These respondents attended A.C.T. primarily during the school year, but not during the summer.

Most of these former students graduated from high school during the 1960's, since the majority are over 25 years in age. Almost half of the respondents have attended other post-secondary institutions. Central Arizona College and the University of Arizona are most frequently mentioned in this regard.

About half of the former students are from bilingual households, and these respondents differed significantly from respondents who speak only English, on most questions. These differences are recorded in the accompanying graphs.

The fact the two-thirds of the responding former students are married no doubt explains why there was little interest in dormitories.

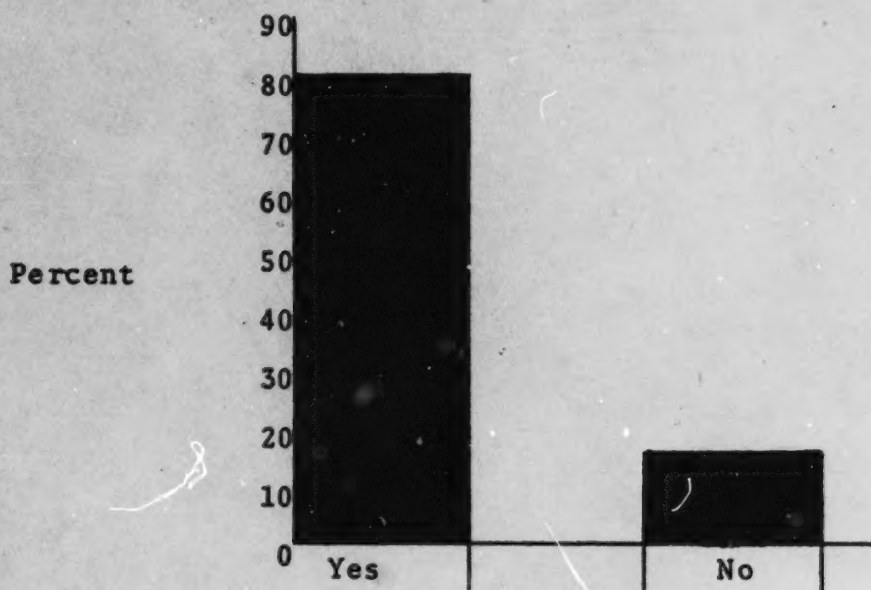
1. Were you able to get the courses and/or programs that you wanted at A.C.T.?



If "no", what courses and/or programs did you desire that were not available?

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Accounting II</u>	<u>5</u>
<u>Advanced dancing</u>	<u>5</u>
<u>Business related courses</u>	<u>6</u>
<u>Elementary education</u>	<u>5</u>
<u>Electrical wiring</u>	<u>5</u>
<u>Mining classes</u>	<u>5</u>
<u>Nursing</u>	<u>5</u>

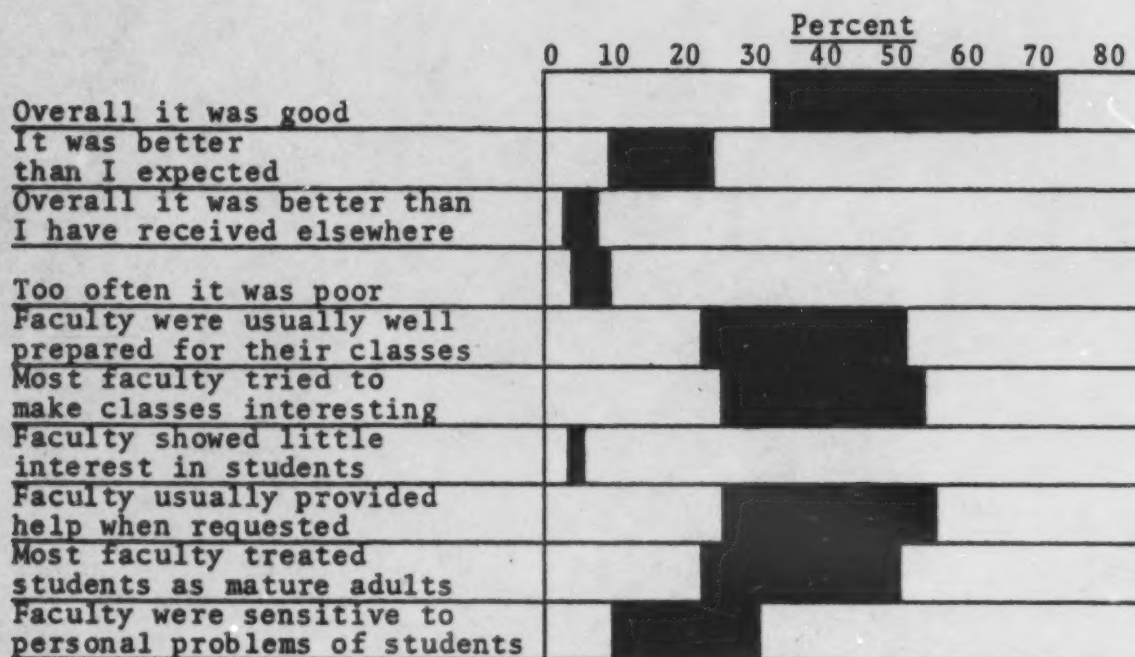
2. Were the courses generally offered at times that were convenient for you?



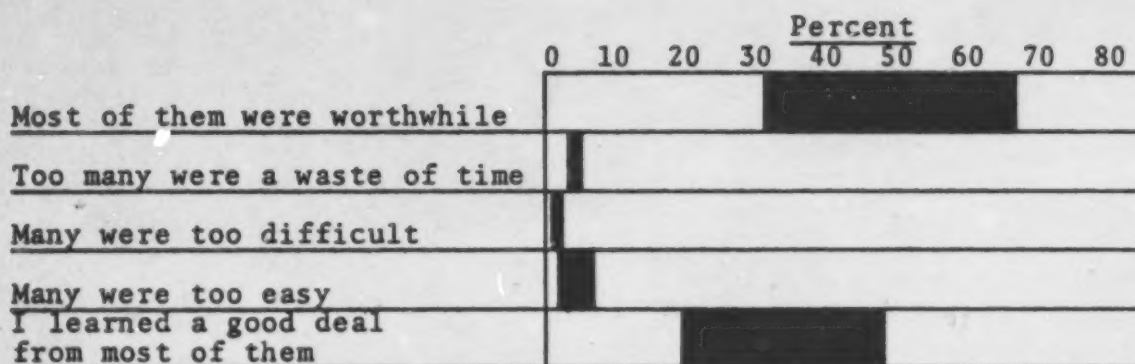
If "no", please explain.

	<u>Frequency</u>
<u>Needed more night classes</u>	<u>5</u>
<u>Change in scheduled classes</u>	<u>2</u>
<u>Worked shifts</u>	<u>2</u>

3. How do you rate the quality of instruction which you received at A.C.T.?



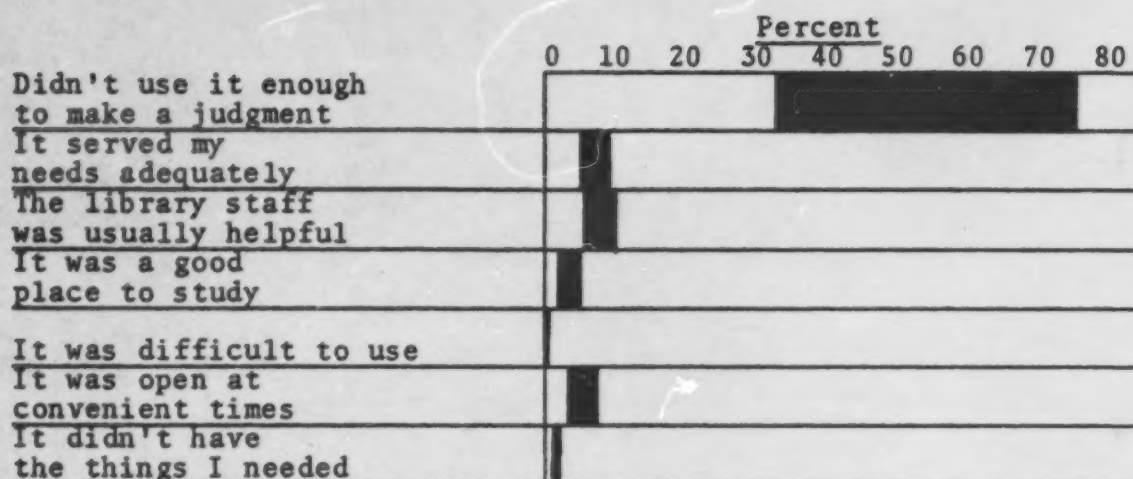
4. How do you rate the courses taken at A.C.T.?



Unshaded portion represents bilingual households

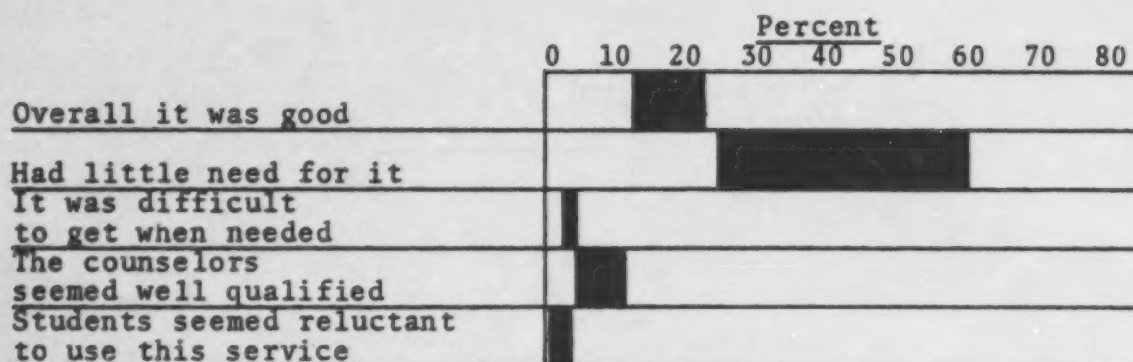
Shaded portion represents English-only households

5. How do you rate the library (Instructional Resources Center)?



6. How do you rate the student personnel services of A.C.T.?

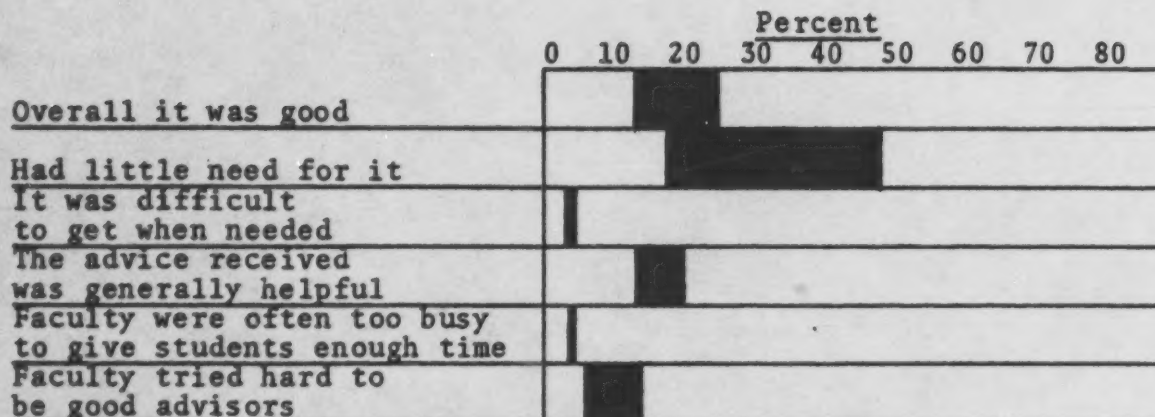
A. Counseling and Guidance



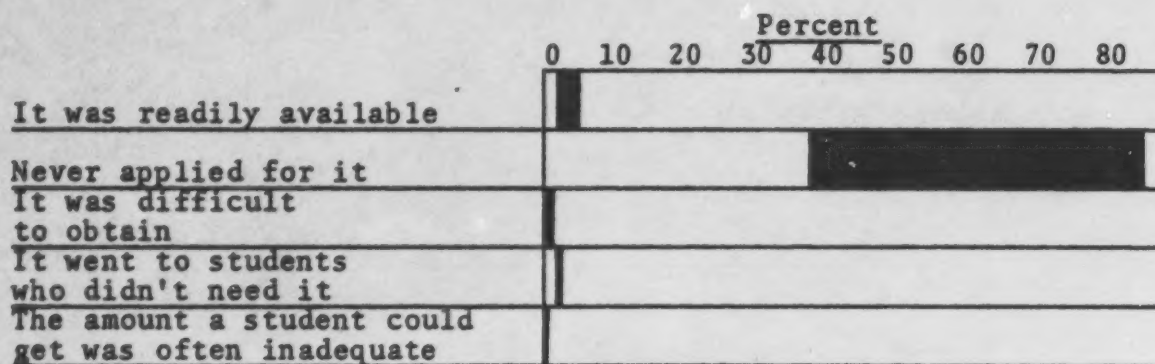
Unshaded portion represents bilingual households

Shaded portion represents English-only households

B. Faculty Advisement



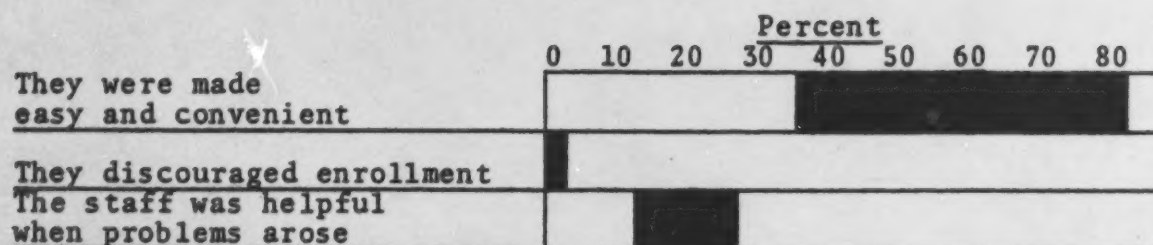
C. Student Financial Assistance



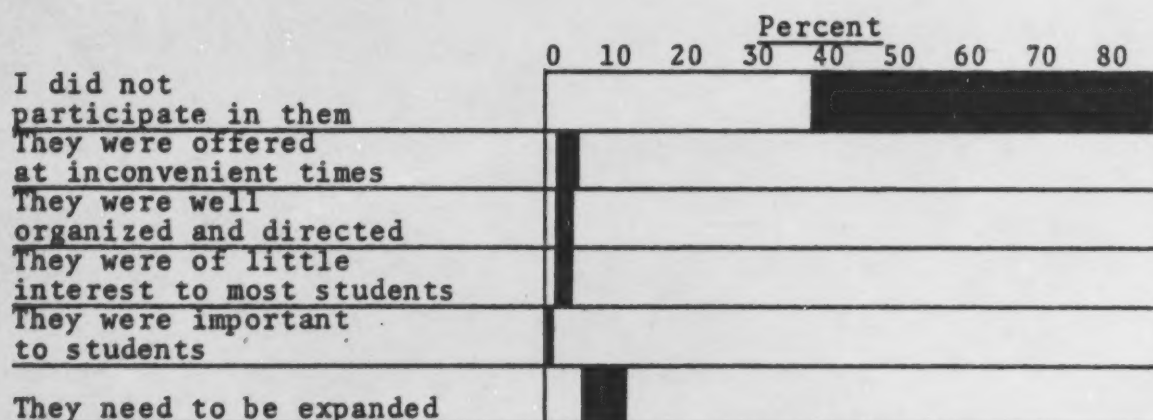
Unshaded portion represents bilingual households

Shaded portion represents English-only households

D. Admissions and Registration



E. Student Activities



Unshaded portion represents bilingual households

Shaded portion represents English-only households

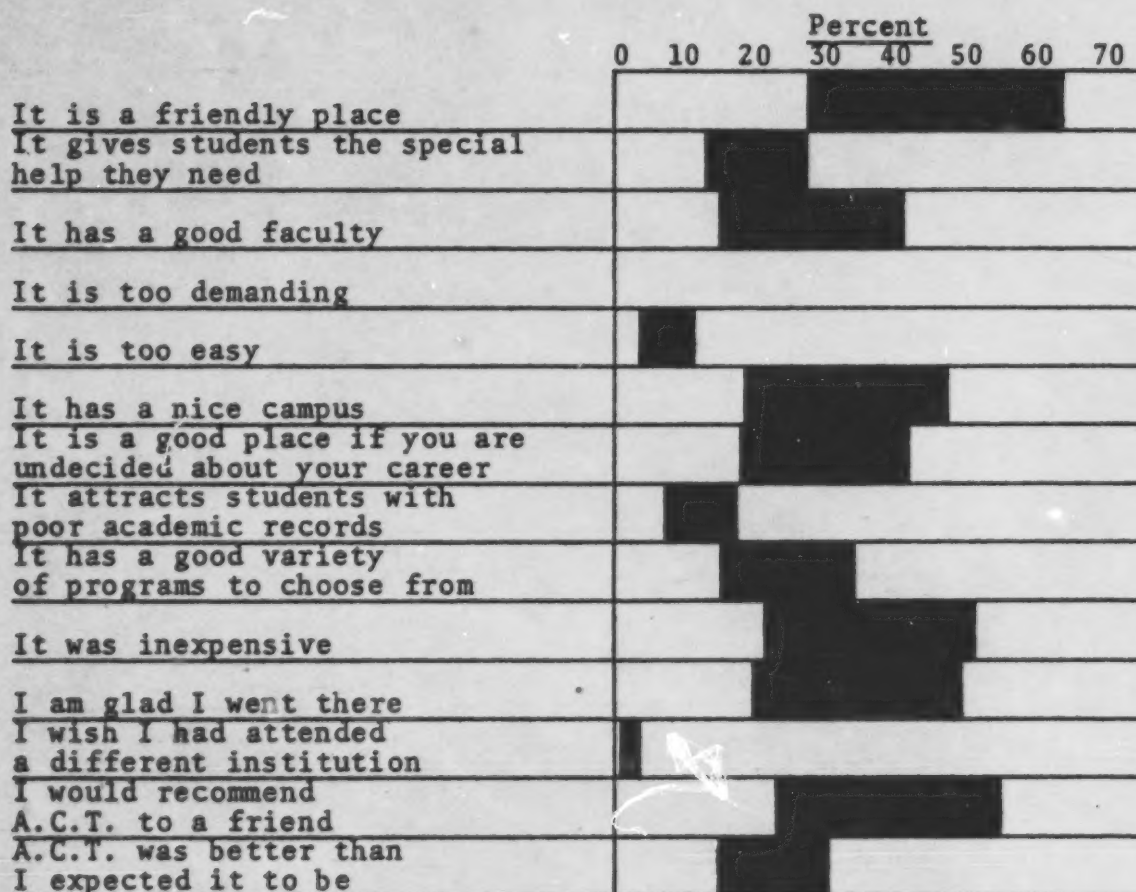
7. Listed below are programs not presently available at A.C.T. which are being considered for adding. Check those that you would have seriously considered taking had they been available when you were enrolled at A.C.T.

	<u>Frequency</u>
<u>Heavy Equipment Operator</u>	<u>35</u>
<u>Solar Energy Technology</u>	<u>36</u>
<u>Auto Body and Fender Repair</u>	<u>37</u>
<u>Data Processing</u>	<u>38</u>
<u>Journalism</u>	<u>19</u>
<u>Numerical Control</u>	<u>5</u>
<u>Traffic Management</u>	<u>11</u>
<u>Natural Resources Conservation</u>	<u>36</u>
<u>Wildlife and Game Management</u>	<u>59</u>
<u>Gunsmithing</u>	<u>44</u>
<u>Small Engine Repair</u>	<u>37</u>

List any others that were of serious interest but not available.

	<u>Frequency</u>
<u>More law enforcement courses</u>	<u>1</u>
<u>Religion</u>	<u>1</u>
<u>History</u>	<u>1</u>
<u>More transfer courses</u>	<u>1</u>
<u>Fire Management</u>	<u>1</u>

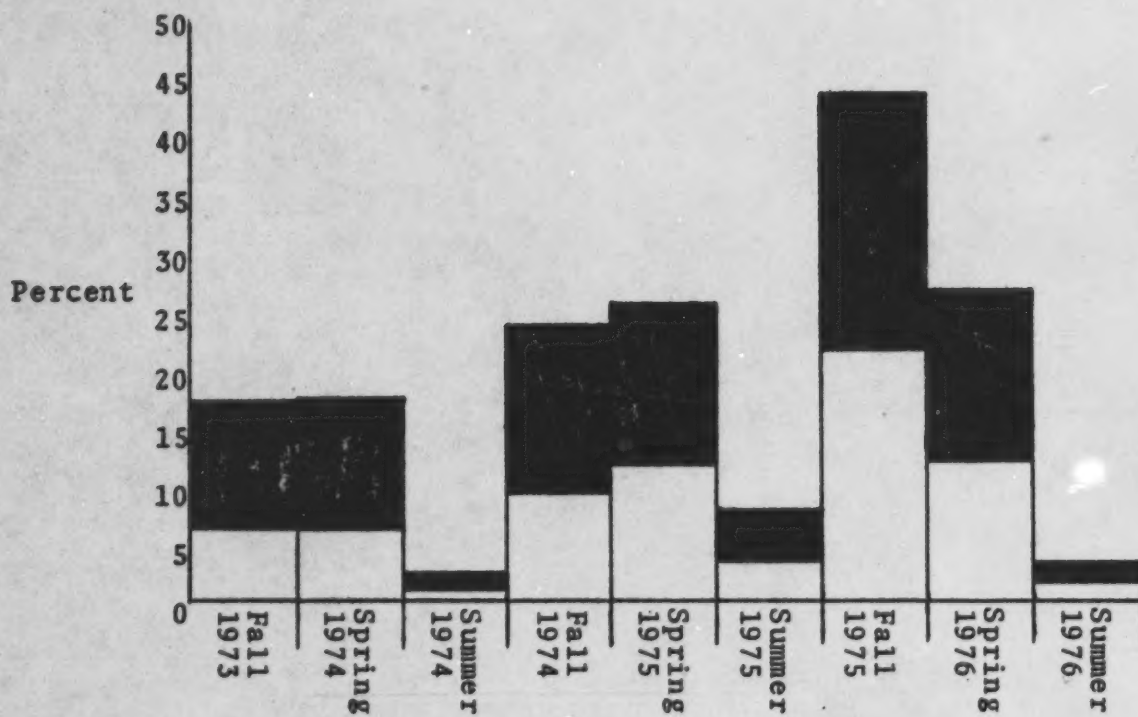
8. During your enrollment at Arizona College of Technology you formed certain impressions of it. Following is a list of statements which suggest impressions one might have of an educational institution. Place an "x" before each statement which represents an impression you have of A.C.T.



Unshaded portion represents bilingual households

Shaded portion represents English-only households

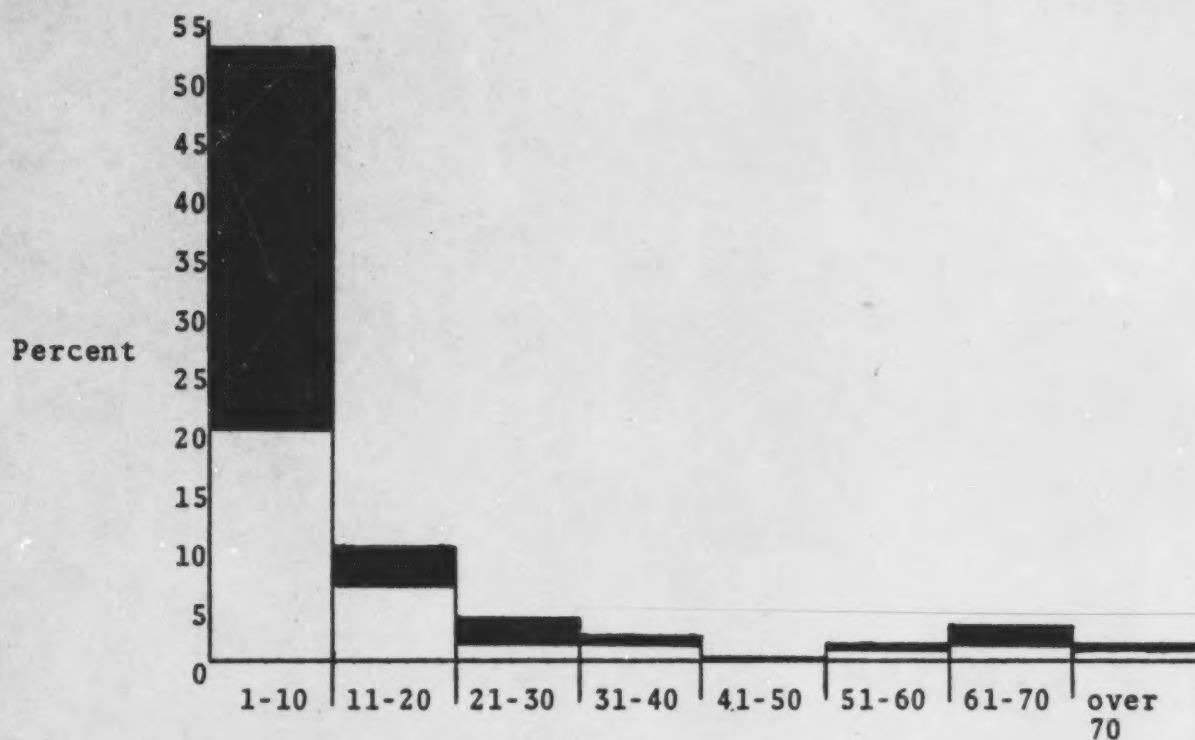
9. During what periods were you enrolled at A.C.T.?



Unshaded portion represents bilingual households

Shaded portion represents English-only households

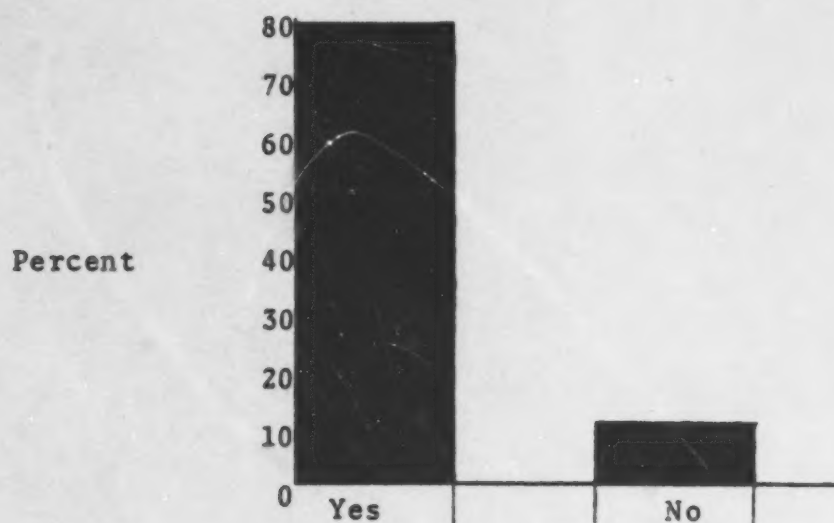
10. How many credit hours did you successfully complete at A.C.T.?



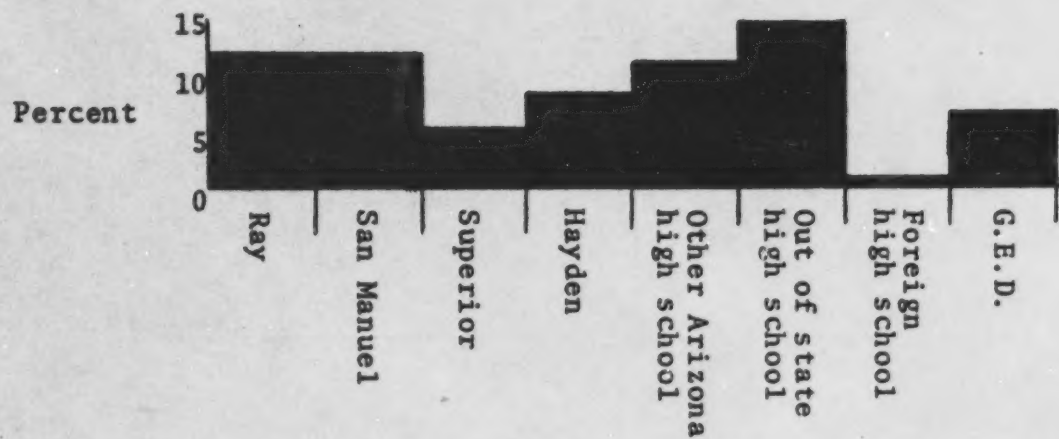
Unshaded portion represents bilingual households

Shaded portion represents English-only households

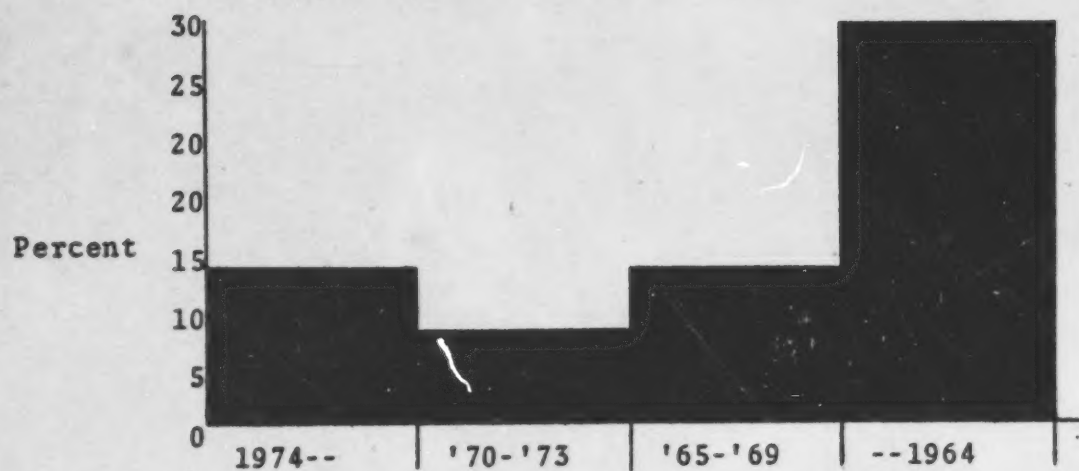
11. Are you a high school graduate?



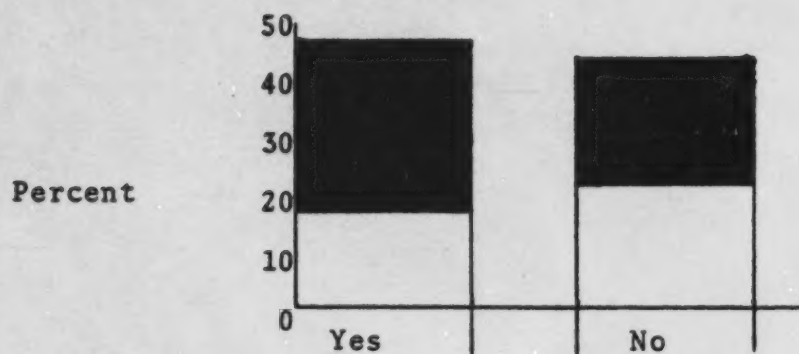
From what high school did you graduate?



When did you graduate from high school?



12. Have you attended another college, university or technical school?



Unshaded portion represents bilingual households

Shaded portion represents English-only households

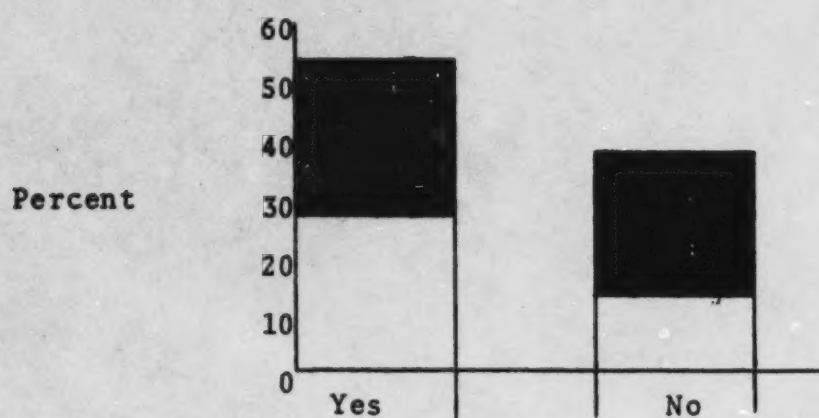
If "yes", please list.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Central Arizona College</u>	<u>6</u>
<u>University of Arizona</u>	<u>6</u>

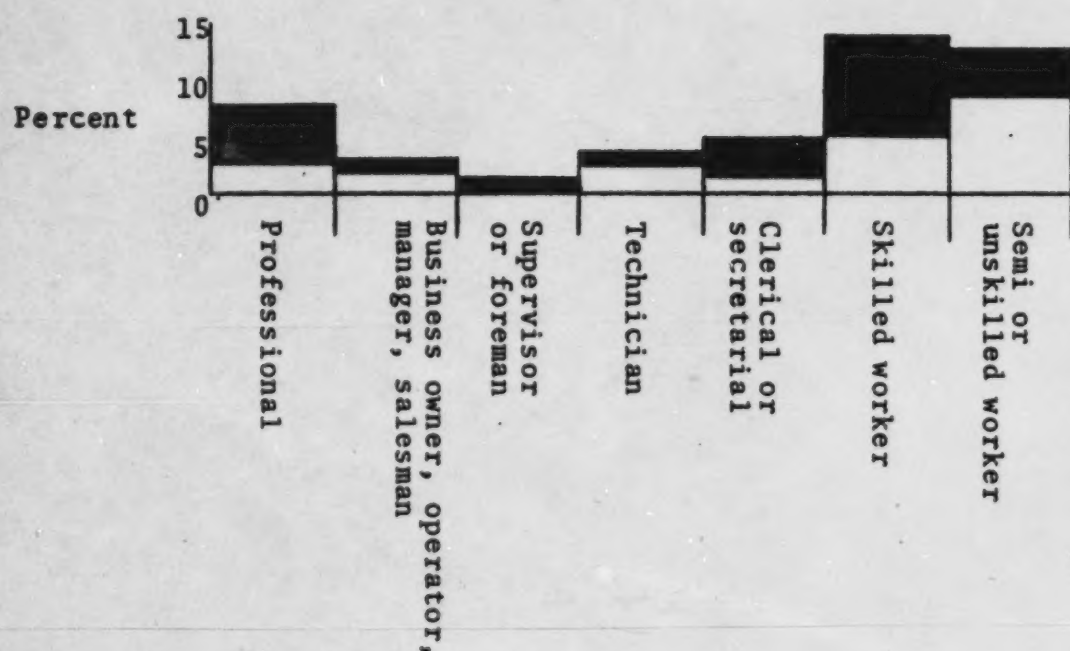
13. What program did you enroll in at A.C.T.?

	<u>Frequency</u>
<u>Administration of Justice</u>	<u>1</u>
<u>Allied Health</u>	<u>7</u>
<u>Auto Mechanics</u>	<u>4</u>
<u>Diesel Mechanics</u>	<u>2</u>
<u>Drafting</u>	<u>2</u>
<u>Electronics</u>	<u>4</u>
<u>Fire Science</u>	<u>1</u>
<u>Machine Shop Technology</u>	<u>1</u>
<u>Mid-management Business</u>	<u>2</u>
<u>Mining Technology</u>	<u>2</u>
<u>Office Administration</u>	<u>6</u>
<u>Secretarial</u>	<u>3</u>
<u>Welding</u>	<u>14</u>
<u>Occupational--unspecified</u>	<u>2</u>
<u>Transfer</u>	<u>23</u>
<u>Other</u>	<u>125</u>

14. Are you presently employed?



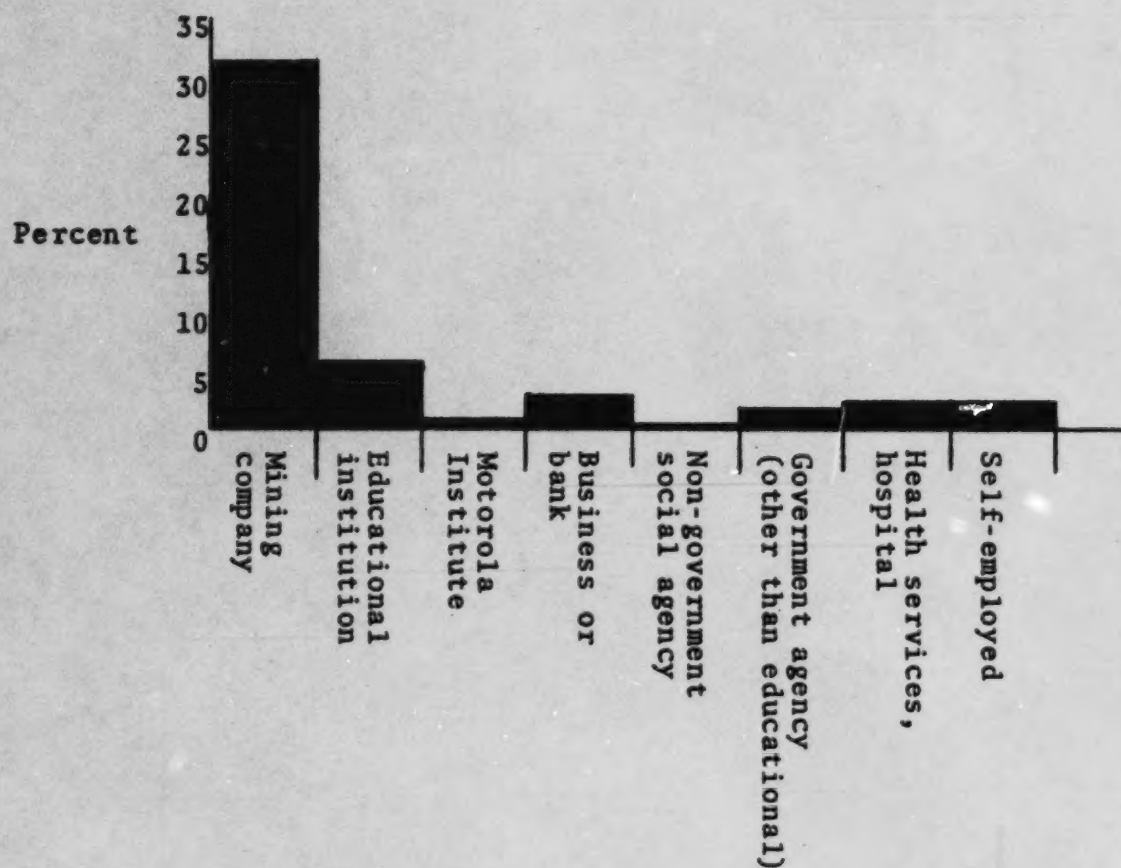
If "yes", what type of work?



Unshaded portion represents bilingual households

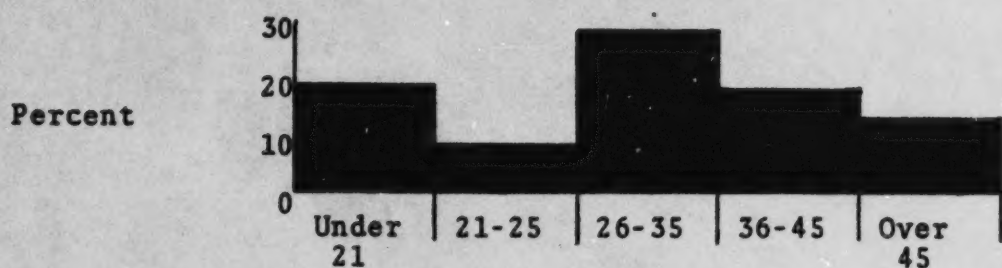
Shaded portion represents English-only households

If you are presently employed, please name your employer.²

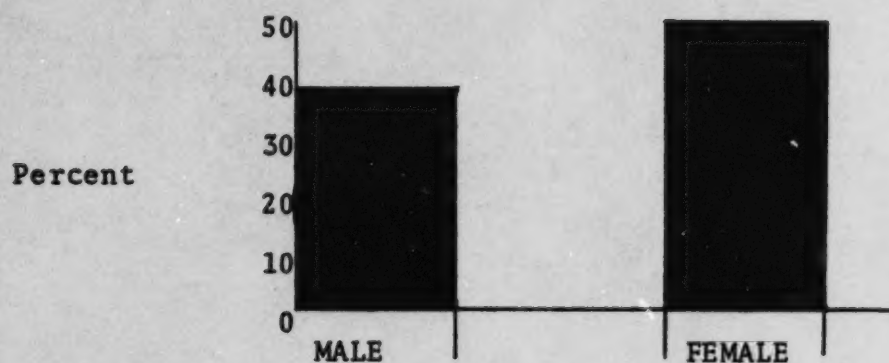


²For this and similar questions, percentages reported are based on the whole sub-population surveyed. If some individuals did not respond to this question, the percentages will not total to 100%.

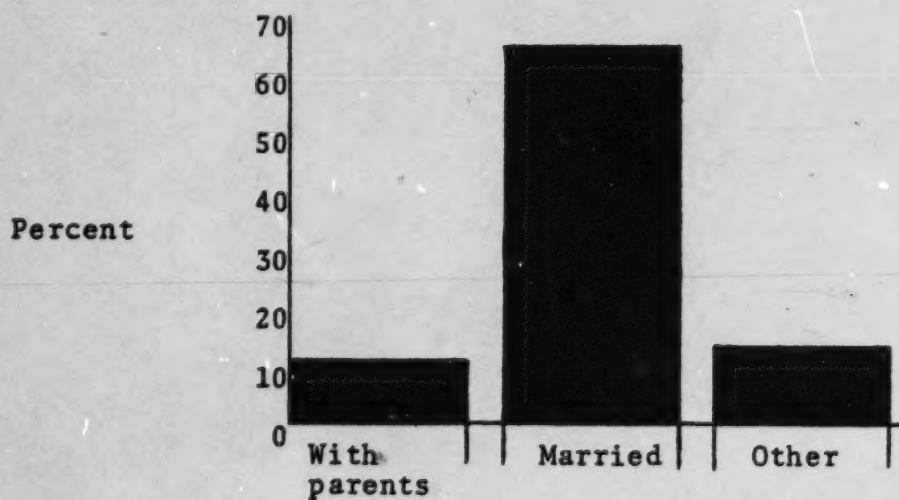
15. In which of the following age ranges are you?



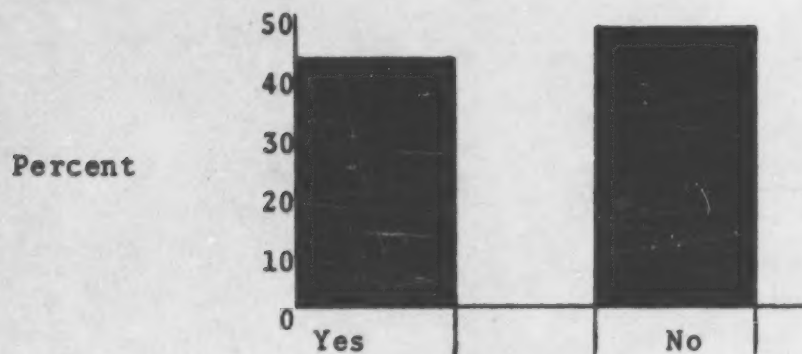
16. Are you a MALE or a FEMALE?



17. Where do you live?



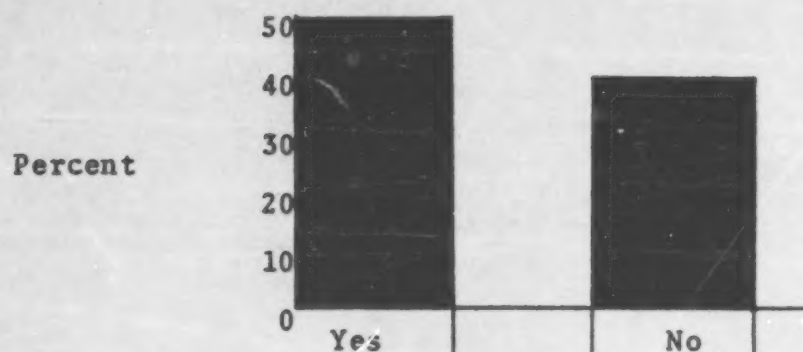
18. Does anyone in your immediate family speak a language in addition to English?



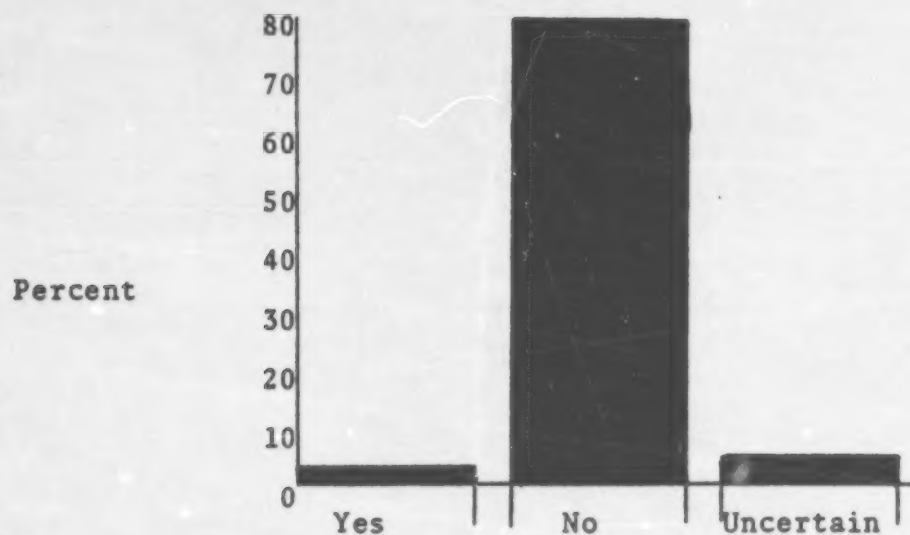
If "yes", what language?

Spanish---86% of "Yes" responses above.

19. While attending A.C.T., were you employed?



20. While attending A.C.T., would you have lived in dormitories if they had existed?



D. Residents of Service Area

Three hundred and fifteen residents responded to this questionnaire. Slightly under two-thirds reported that they might take a course at A.C.T., and the great majority of these have contacted the college for further information. The greatest interest in employment skill courses is in business, secretarial skills, management skills, mechanics, welding, and electronics. Among personal or recreational skills, physical education, tennis, art, and Spanish were most popular.

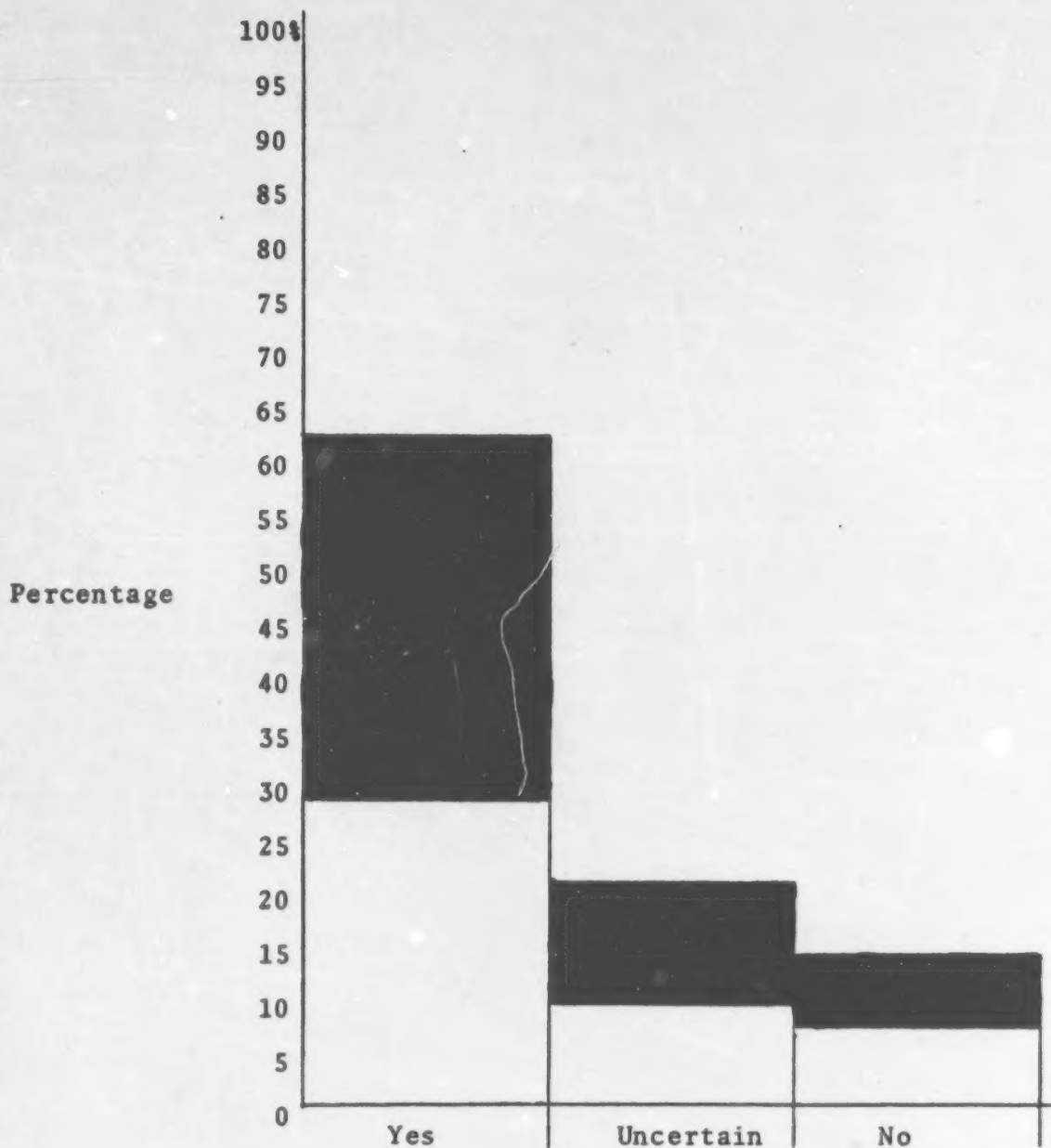
Over one-third of the residents responding reported that another family member had attended A.C.T. While 45% of all respondents had taken courses at the College, over 40% of the total group had not visited the new A.C.T. campus.

Residents agreed heavily (85% and up) with the general college goals expressed in questions 8 through 12. Although the wording of question 13 may have been confusing to respondents, 70% of them were in agreement with the College's open door policy.

Questions regarding the College's public image indicate that A.C.T. is seen as good for the part-time student, yet from 12% to 20% voted against A.C.T. on its quality and its community acceptance.

The survey respondents were almost evenly divided between males and females. Most of these residents were over 25 years in age, and had parental responsibilities. The fact that 11% of them are currently seeking employment suggest that the College might be able to perform a major community service by reaching these people with desired employment skill courses.

1. Do you have plans or would you like to take courses or programs which might be offered by Arizona College of Technology?



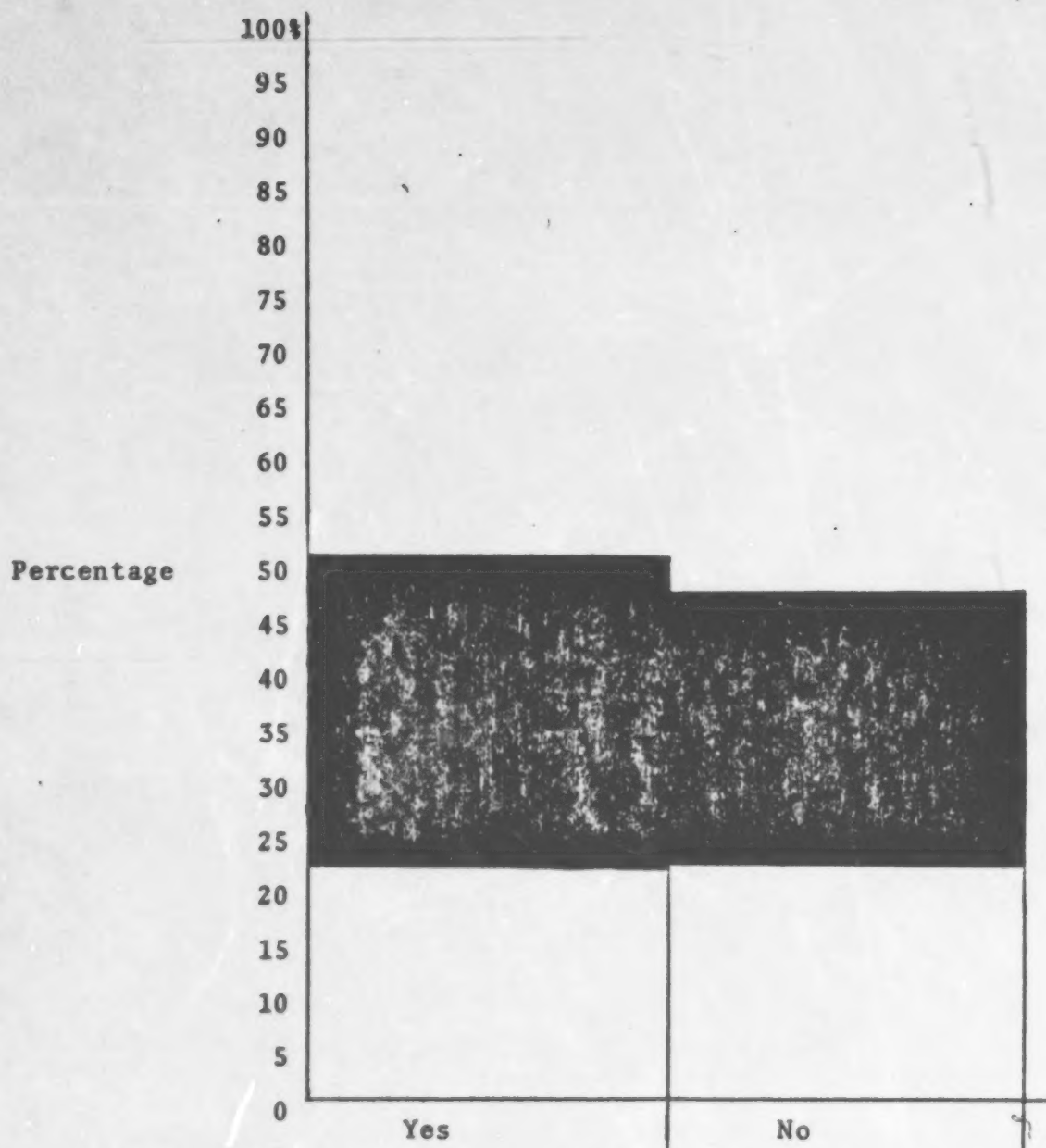
Unshaded portion represents bilingual households

Shaded portion represents English-only households

1. Do you have plans or would you like to take courses or programs which might be offered by Arizona College of Technology? If "yes", describe briefly.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Accounting</u>	<u>9</u>
<u>Art</u>	<u>12</u>
<u>Auto mechanics</u>	<u>15</u>
<u>Building trades</u>	<u>7</u>
<u>Business</u>	<u>19</u>
<u>Crafts</u>	<u>9</u>
<u>Diesel mechanics</u>	<u>6</u>
<u>Electrical</u>	<u>8</u>
<u>Emergency medical training</u>	<u>5</u>
<u>English</u>	<u>7</u>
<u>Geology</u>	<u>5</u>
<u>Home economics</u>	<u>5</u>
<u>Music</u>	<u>5</u>
<u>Nursing</u>	<u>6</u>
<u>Photography</u>	<u>9</u>
<u>Physical education</u>	<u>6</u>
<u>Secretarial skills</u>	<u>17</u>
<u>Spanish</u>	<u>12</u>
<u>Welding</u>	<u>14</u>

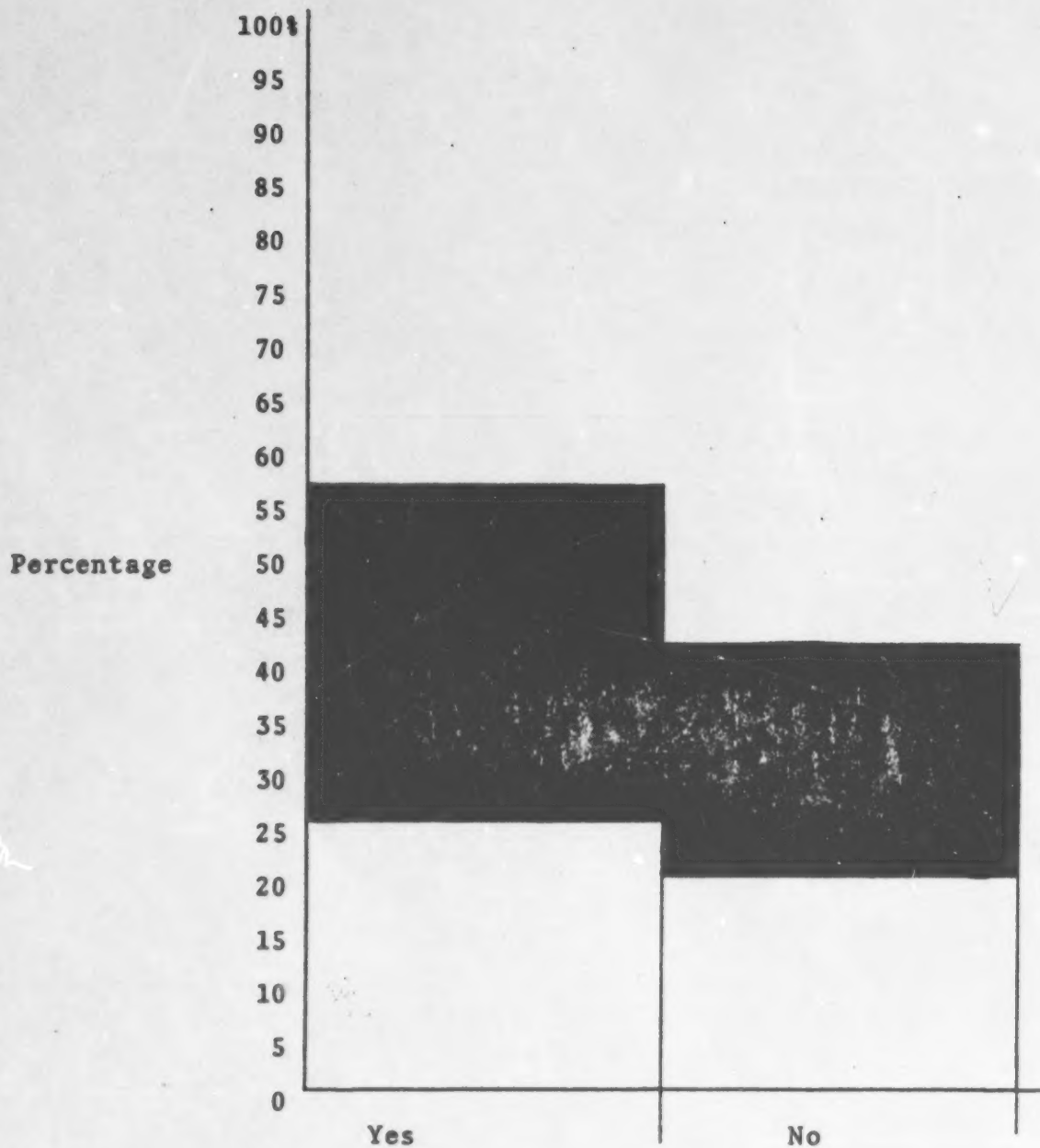
2. Have you ever contacted the College to explore the possibility of taking courses or programs?



Unshaded portion represents bilingual households

Shaded portion represents English-only households

3. Are there employment skills which you would like to develop or improve?



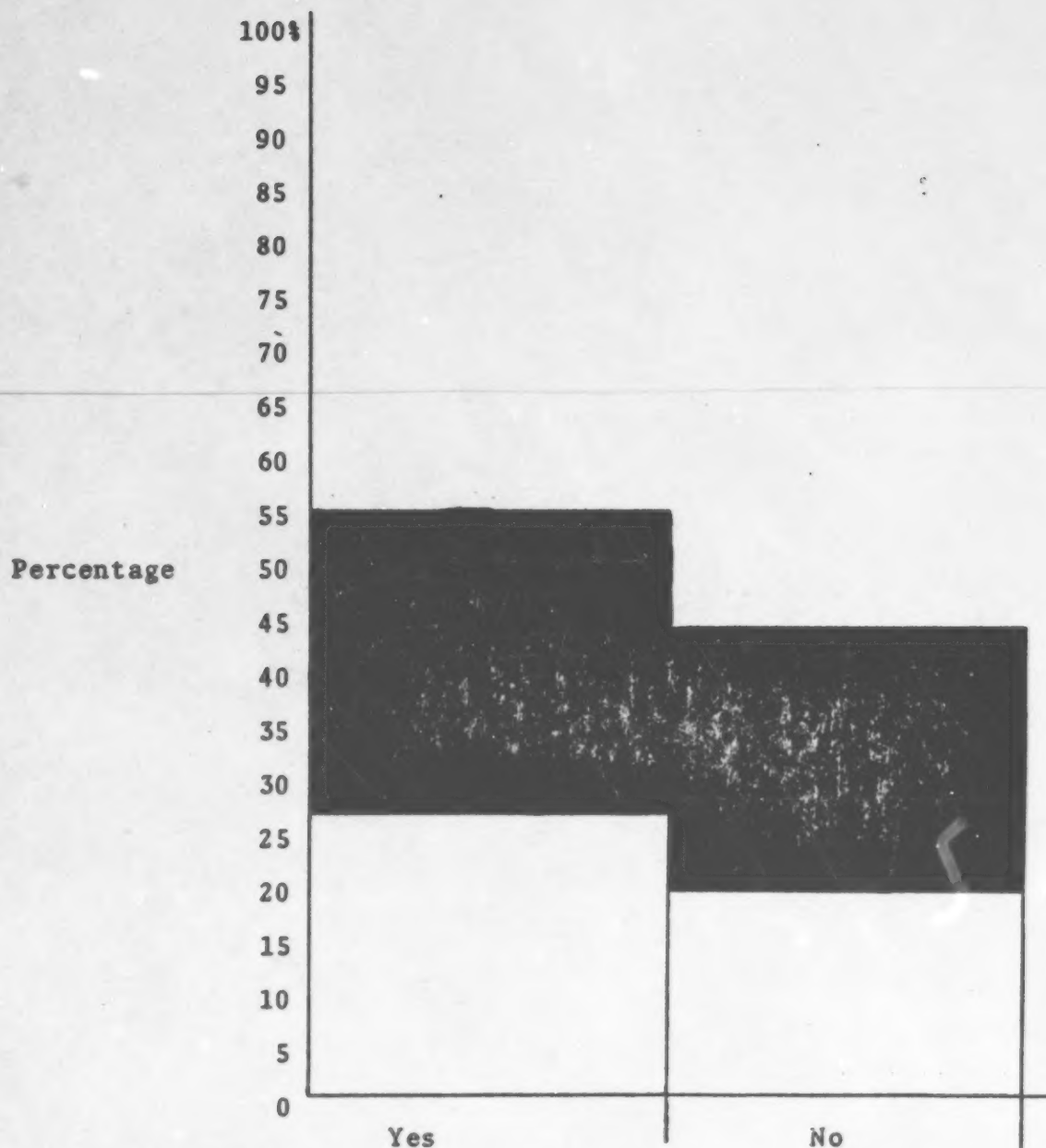
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3. Are there employment skills which you would like to develop or improve? If "yes", describe briefly.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Accounting</u>	<u>9</u>
<u>Auto body repair</u>	<u>5</u>
<u>Bookkeeping</u>	<u>6</u>
<u>Carpentry</u>	<u>6</u>
<u>Diesel</u>	<u>5</u>
<u>Electronics</u>	<u>15</u>
<u>Emergency medical training</u>	<u>5</u>
<u>Management skills</u>	<u>17</u>
<u>Mechanics</u>	<u>12</u>
<u>Nursing</u>	<u>7</u>
<u>Secretarial</u>	<u>36</u>
<u>Teaching</u>	<u>5</u>
<u>Welding</u>	<u>18</u>

4. Are there personal and/or recreational skills which you would like to develop and/or improve?



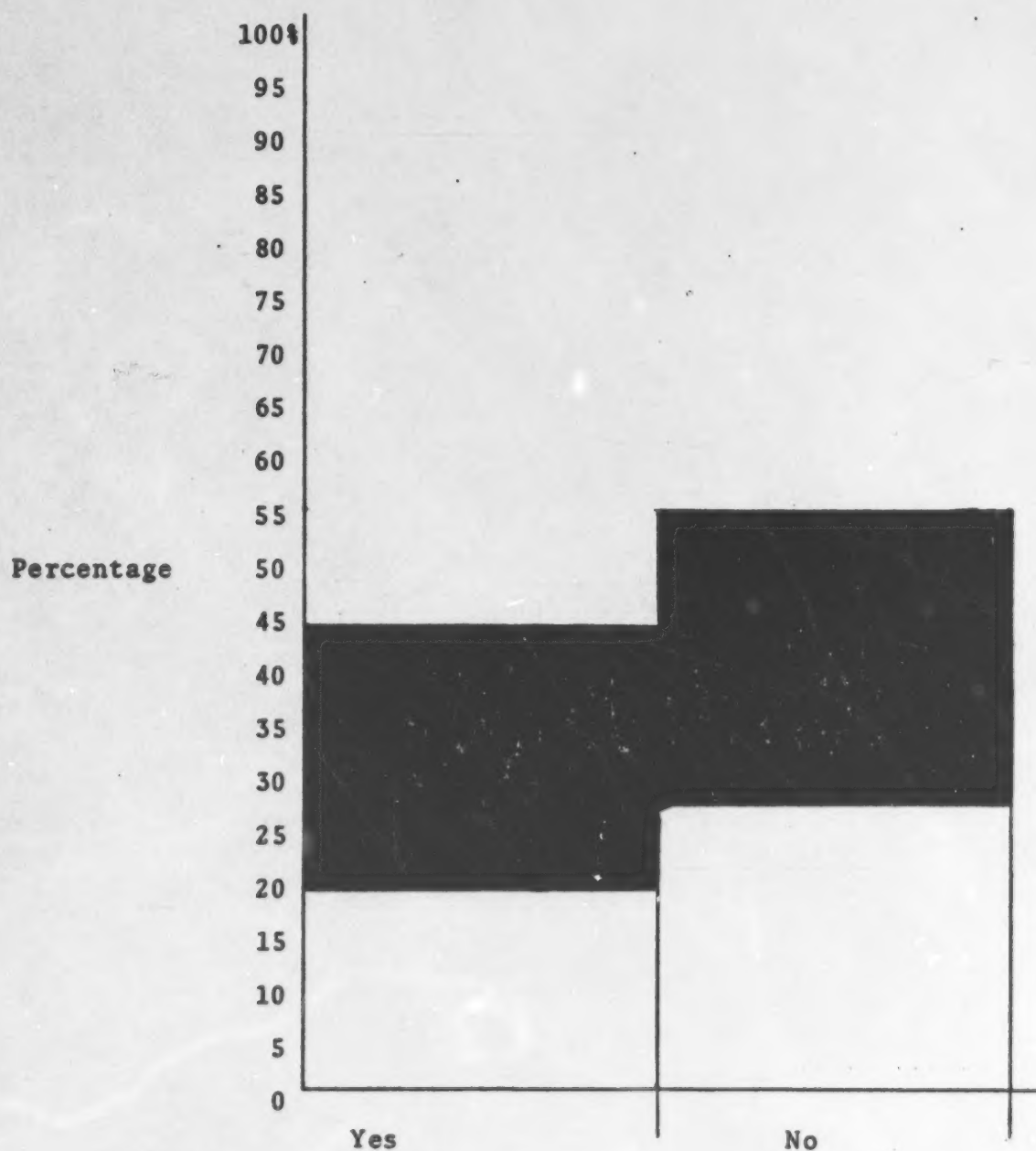
Unshaded portion represents bilingual households

Shaded portion represents English-only households

4. Are there personal and/or recreational skills which you would like to develop and/or improve? If "yes", describe briefly.

<u>Mentioned by 5 or more</u>	<u>Frequency</u>
<u>Archery</u>	<u>8</u>
<u>Art</u>	<u>5</u>
<u>Auto mechanics</u>	<u>10</u>
<u>Crafts</u>	<u>6</u>
<u>Golf</u>	<u>9</u>
<u>Music</u>	<u>10</u>
<u>Physical education</u>	<u>24</u>
<u>Sewing</u>	<u>8</u>
<u>Swimming</u>	<u>6</u>
<u>Tennis</u>	<u>20</u>

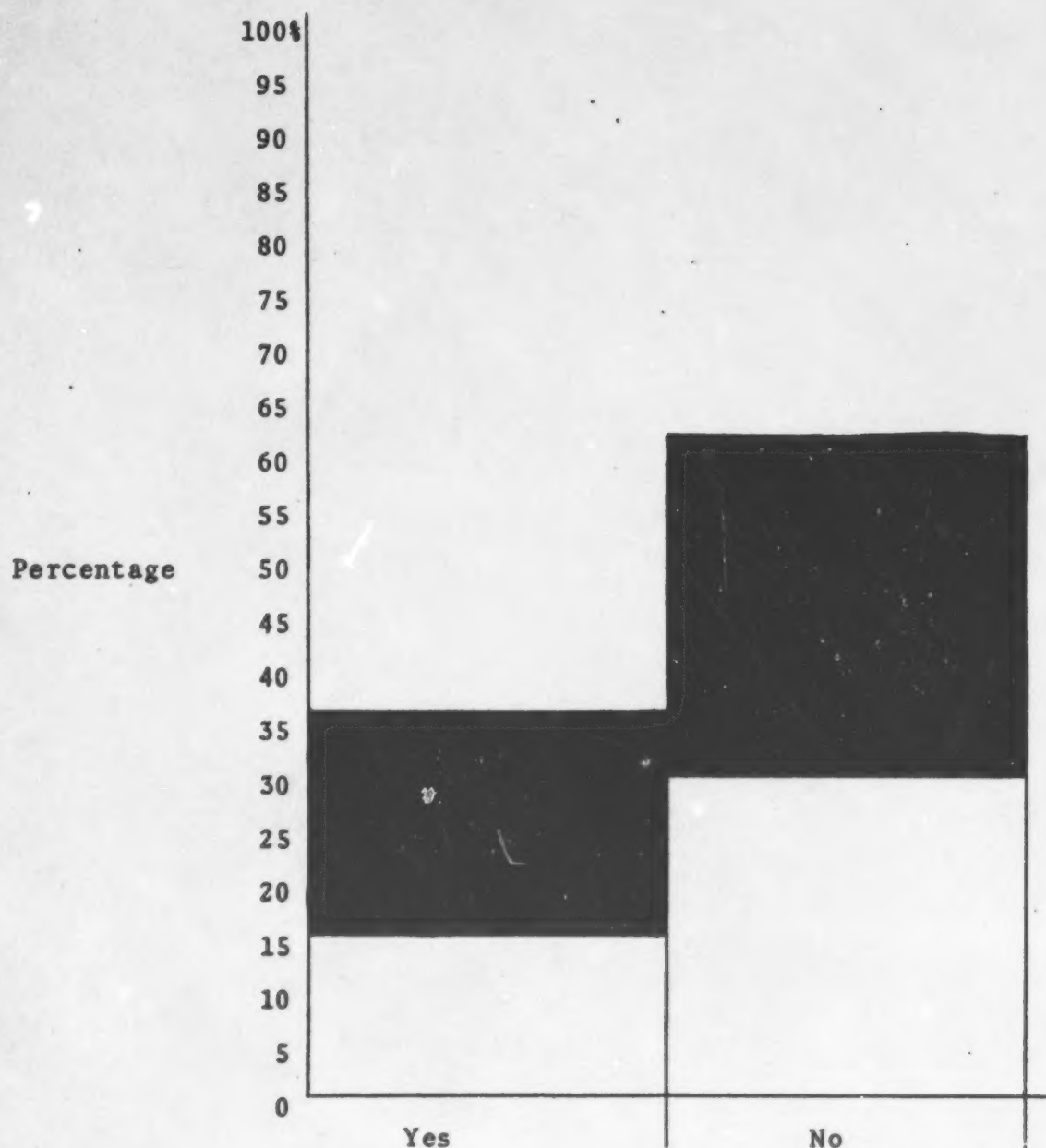
5. Have you ever taken a class at A.C.T.?



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Shaded portion represents English-only households

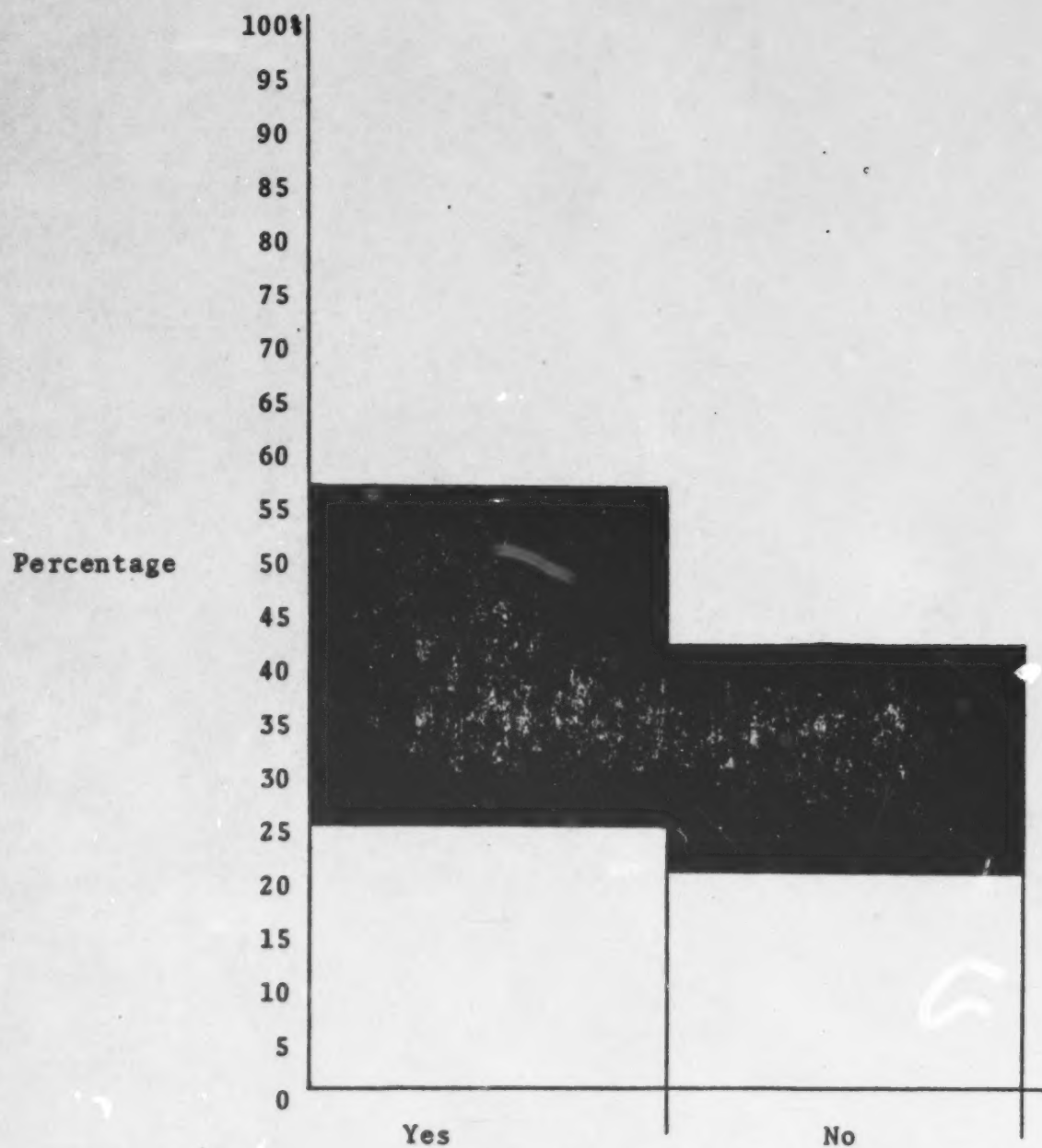
6. Has any other member of your family ever attended a class at A.C.T.?



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Shaded portion represents English-only households

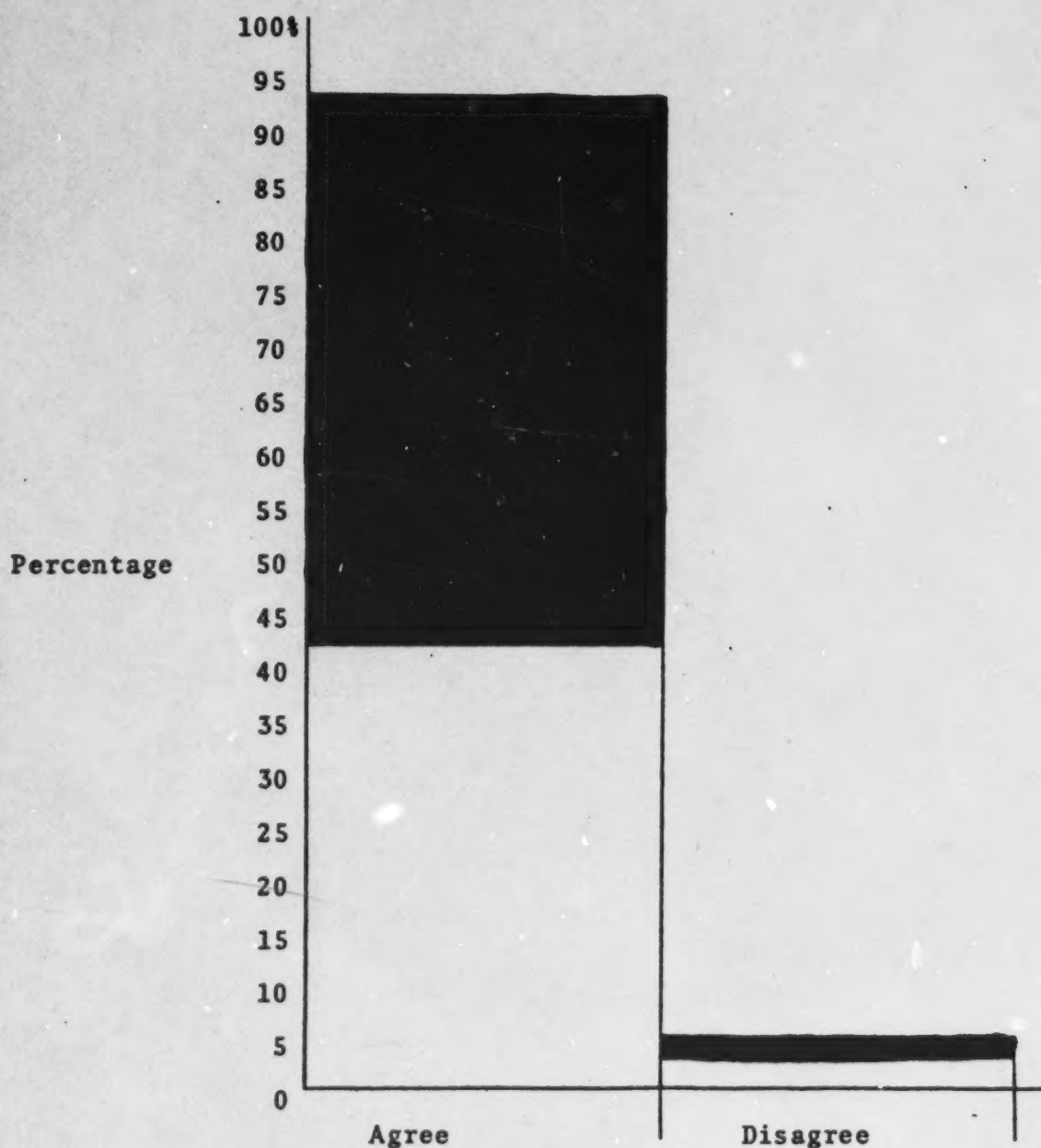
7. Have you ever personally visited the A.C.T. new campus?



Unshaded portion represents bilingual households

Shaded portion represents English-only households

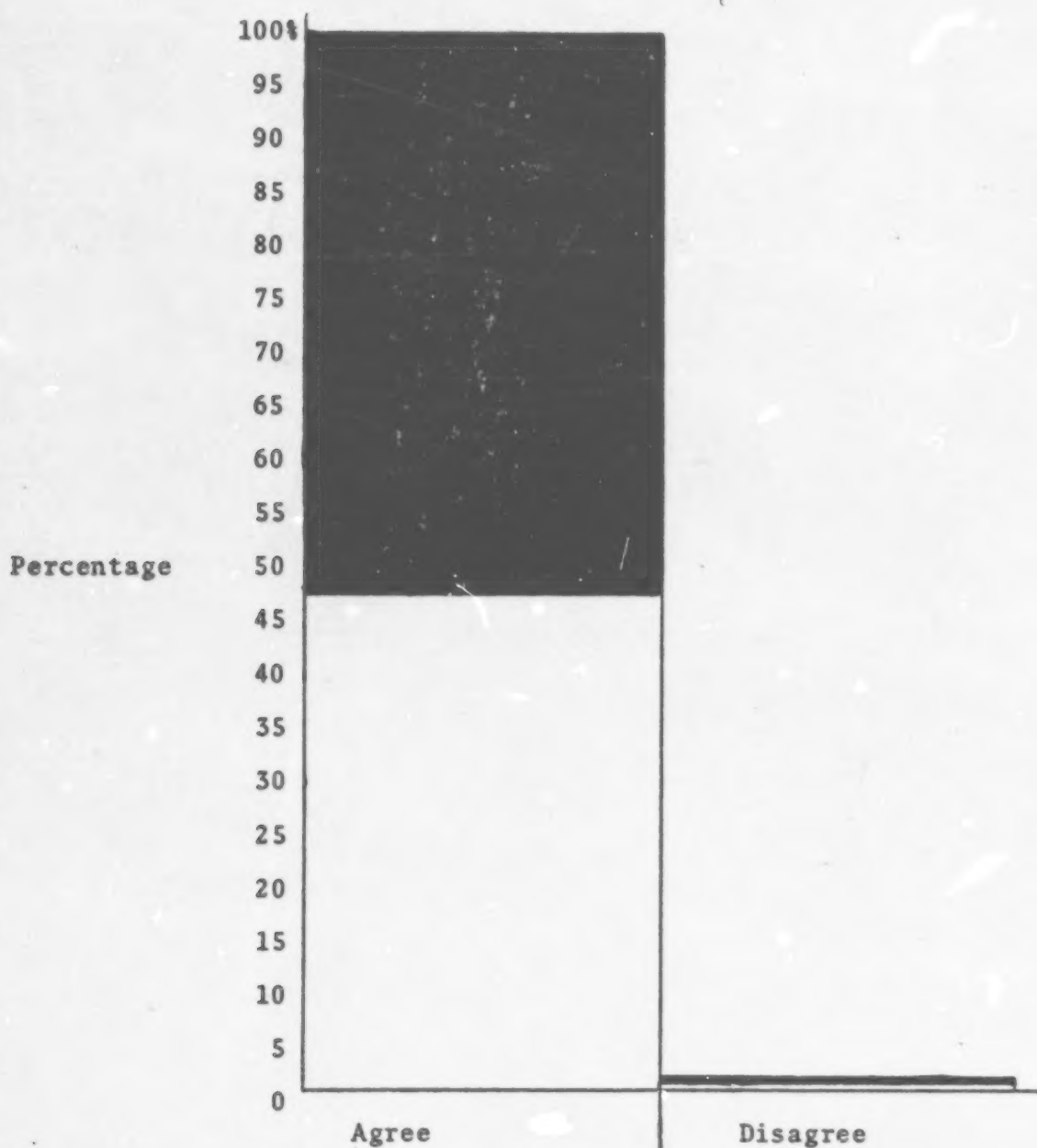
8. Arizona College of Technology should assist students to become responsible citizens.



Unshaded portion represents bilingual households

Shaded portion represents English-only households

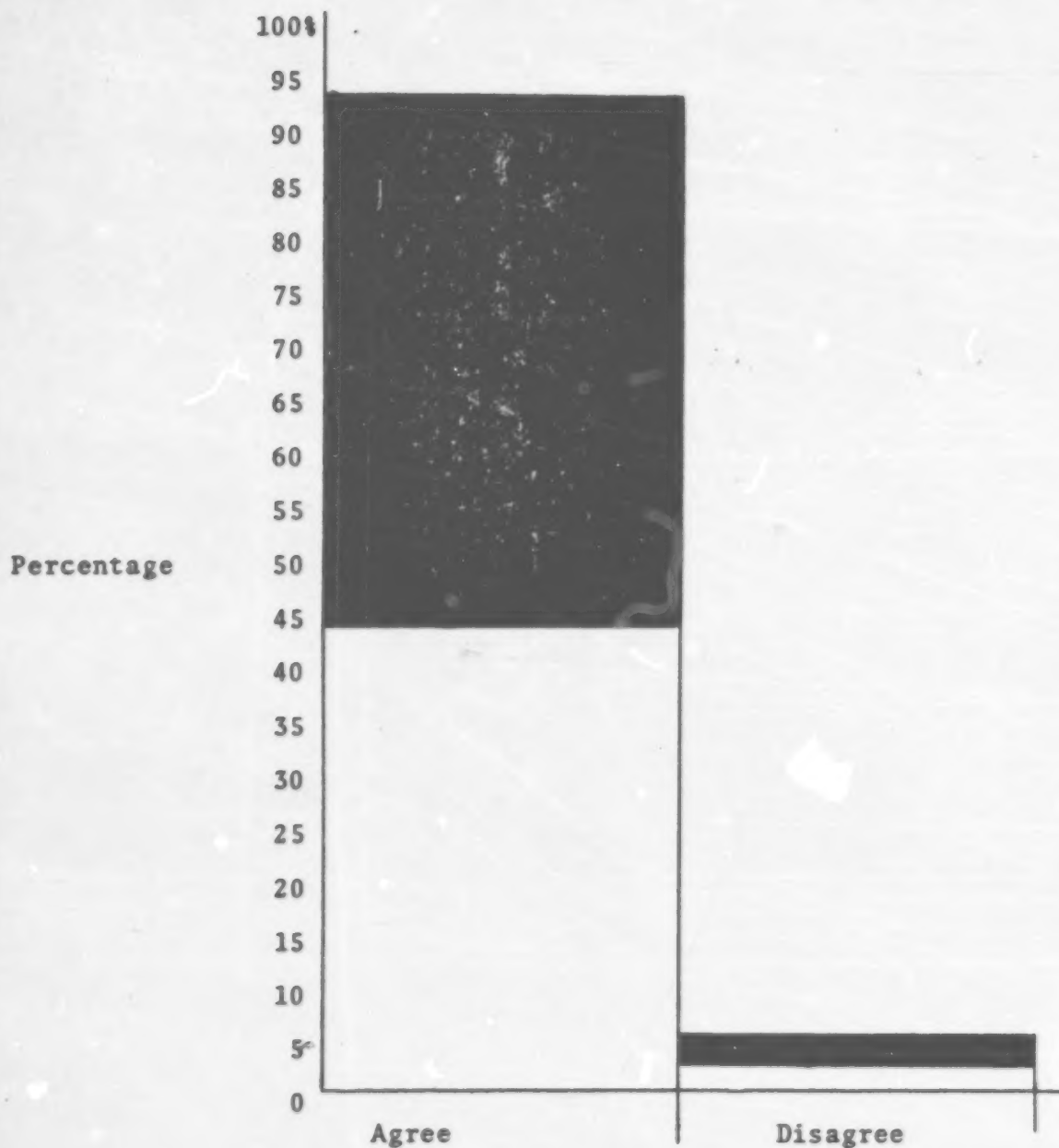
9. A.C.T. should prepare students for employment through technical-vocation and other occupational programs.



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Shaded portion represents English-only households

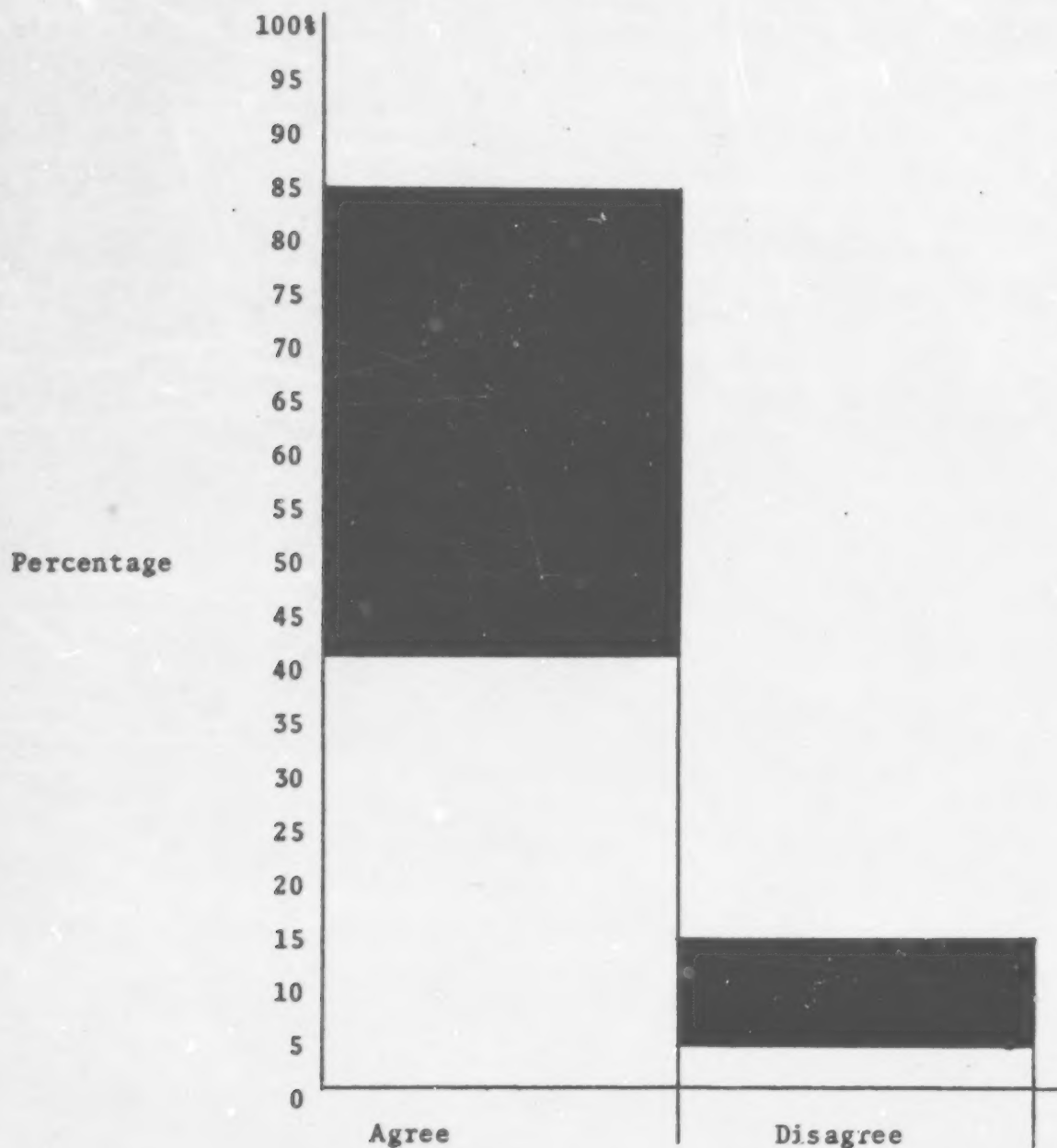
10. A.C.T. should prepare students for transfer to four-year colleges and universities.



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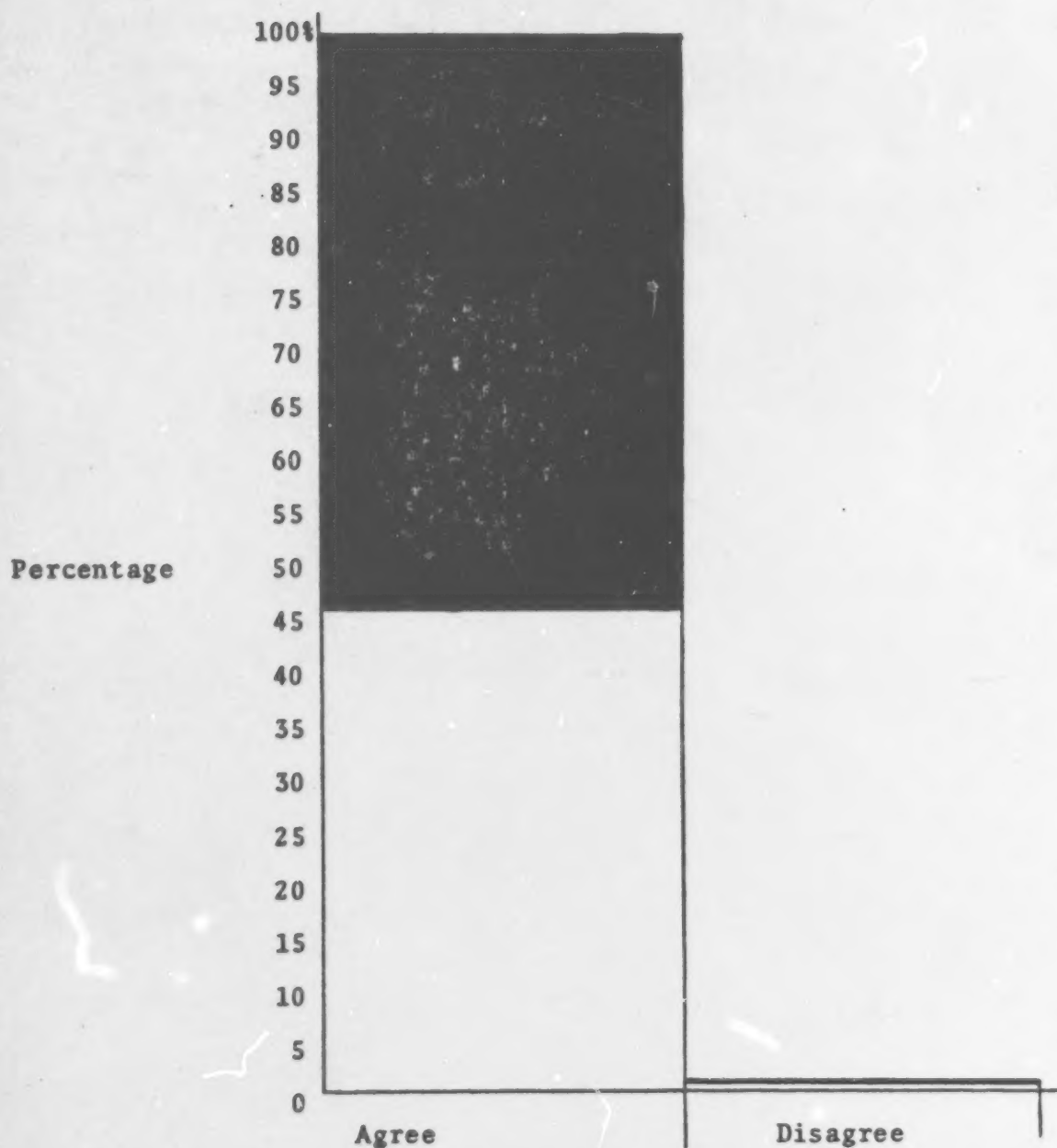
11. A.C.T. should provide entertainment programs, public lectures and recreational opportunities.



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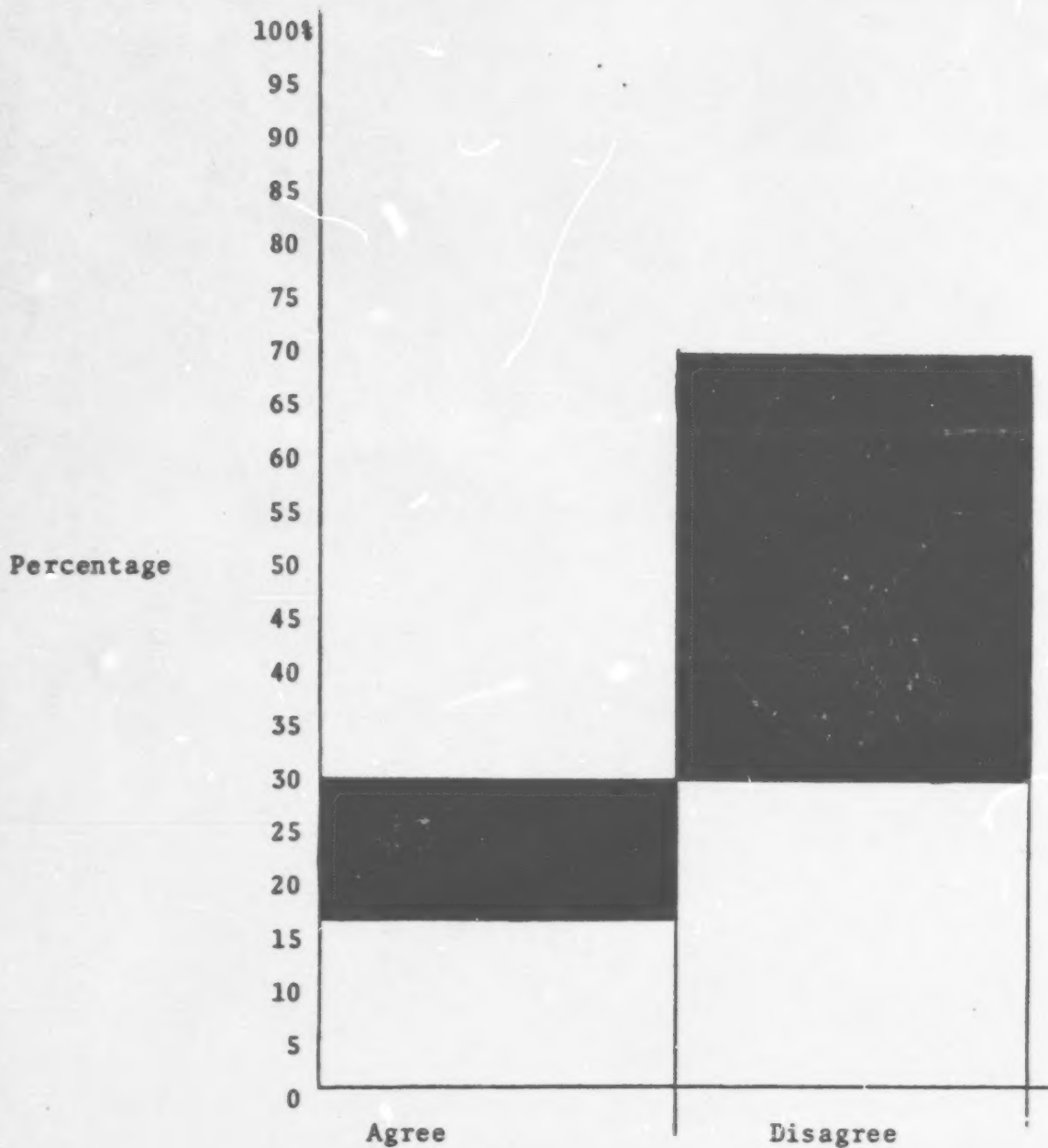
12. A.C.T. should help students gain a better understanding of their capabilities and job opportunities.



Unshaded portion represents bilingual households

Shaded portion represents English-only households

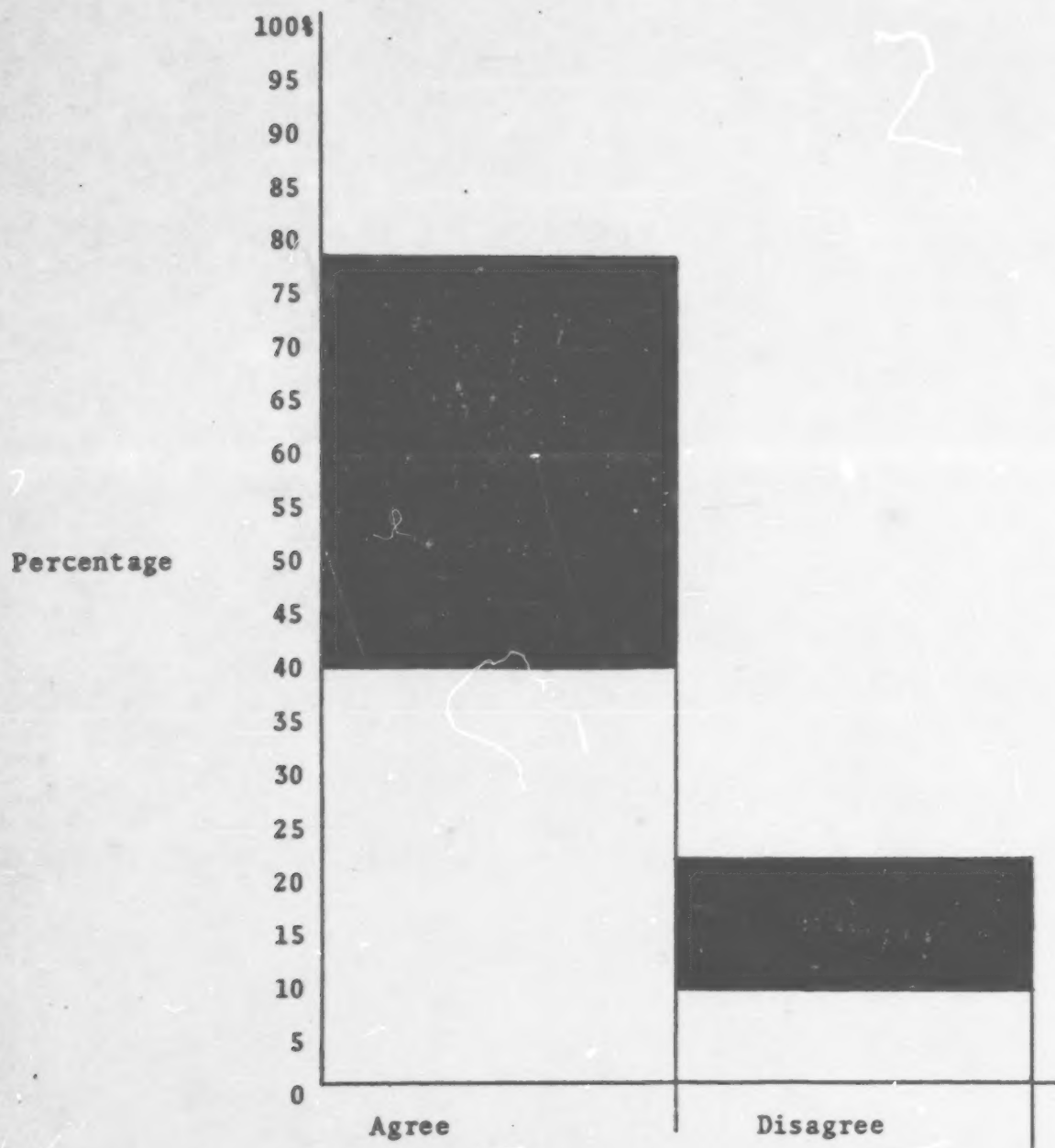
13. A.C.T.'s policy of admitting any high school graduate or person over age 18 who demonstrates evidence of a potential for success is an unsound policy.



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Shaded portion represents English-only households

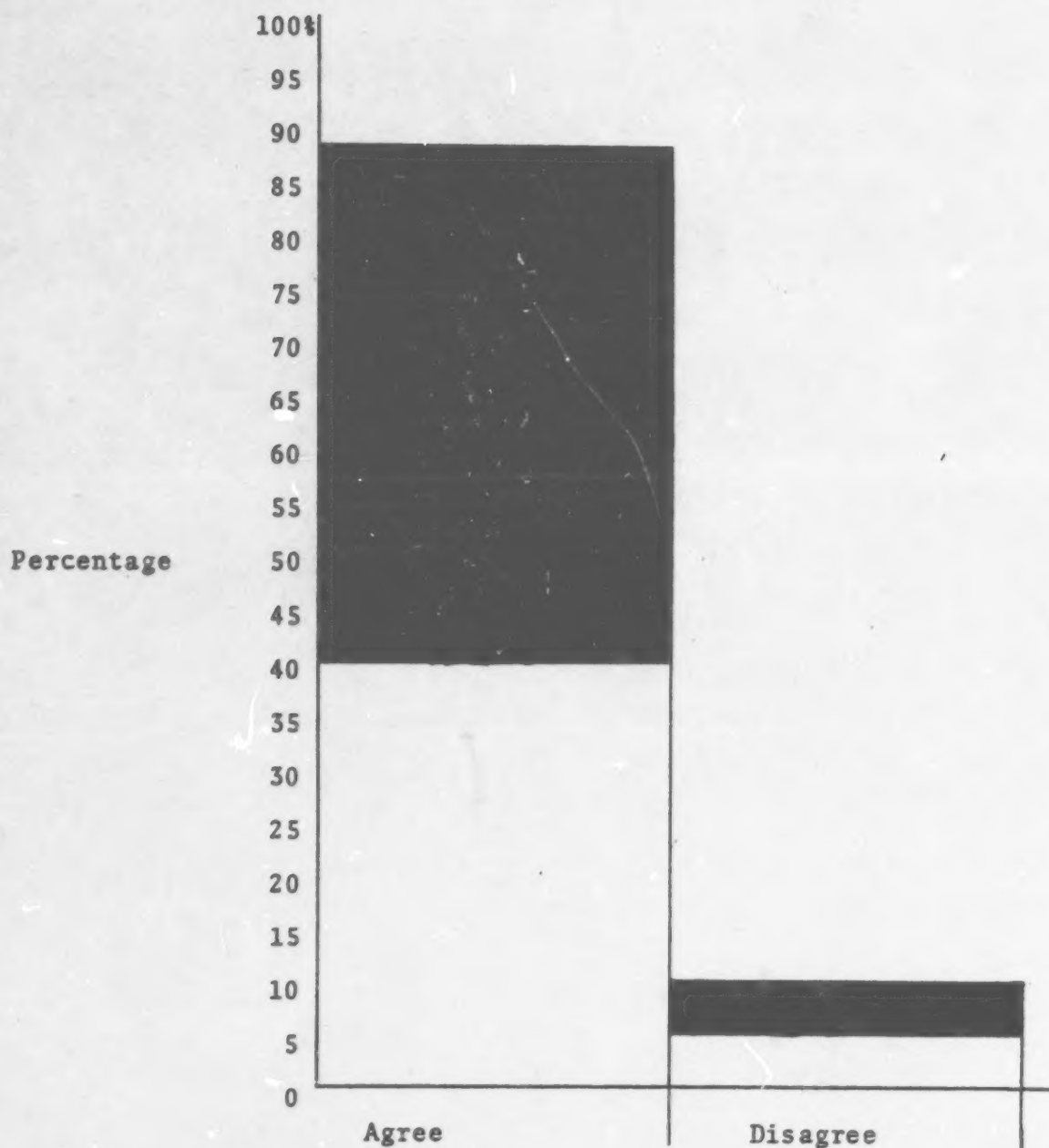
14. (1) A.C.T. is an excellent institution.



Unshaded portion represents bilingual households

Shaded portion represents English-only households

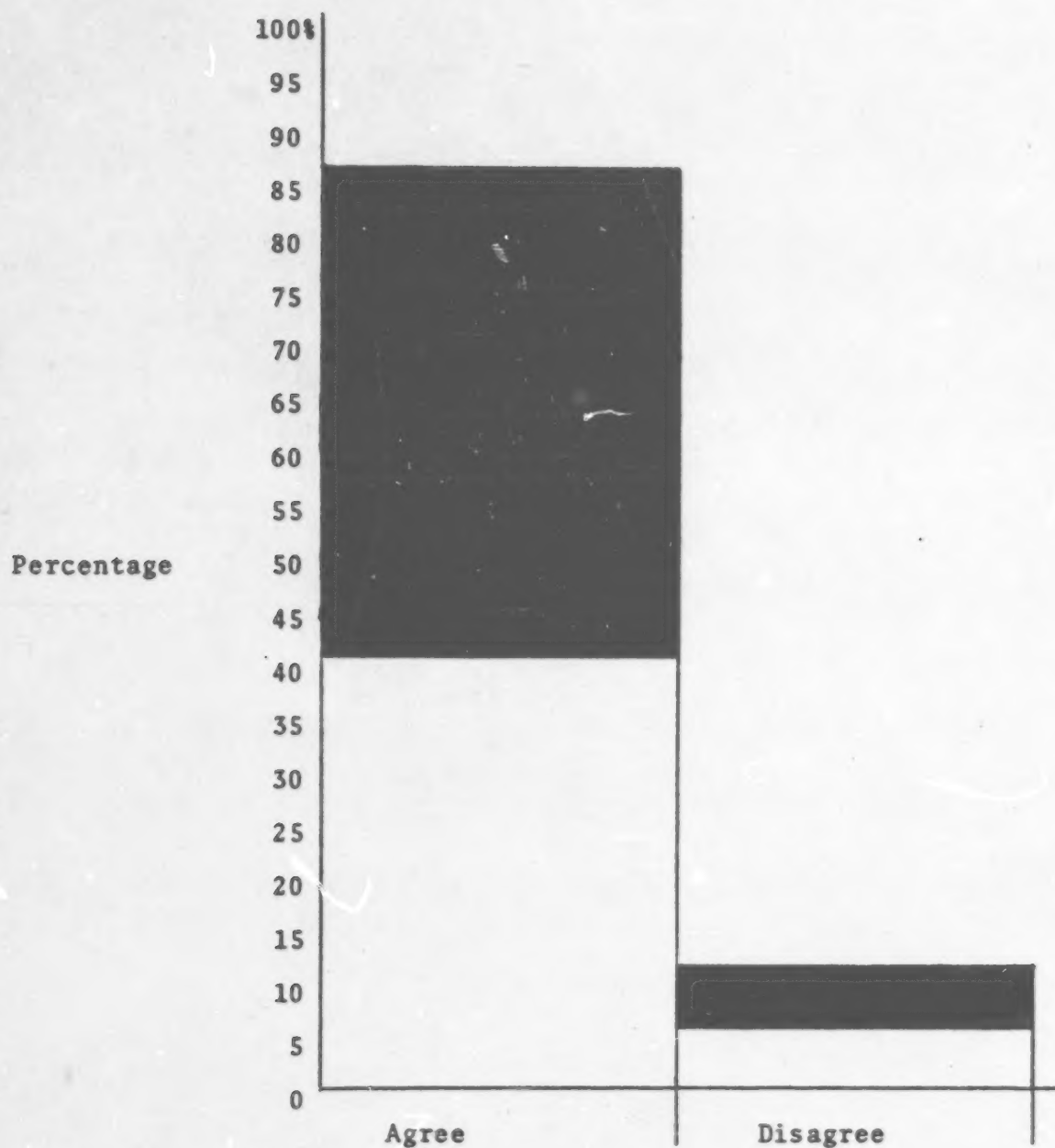
14. (2) A.C.T. has strong community acceptance.



Unshaded portion represents bilingual households

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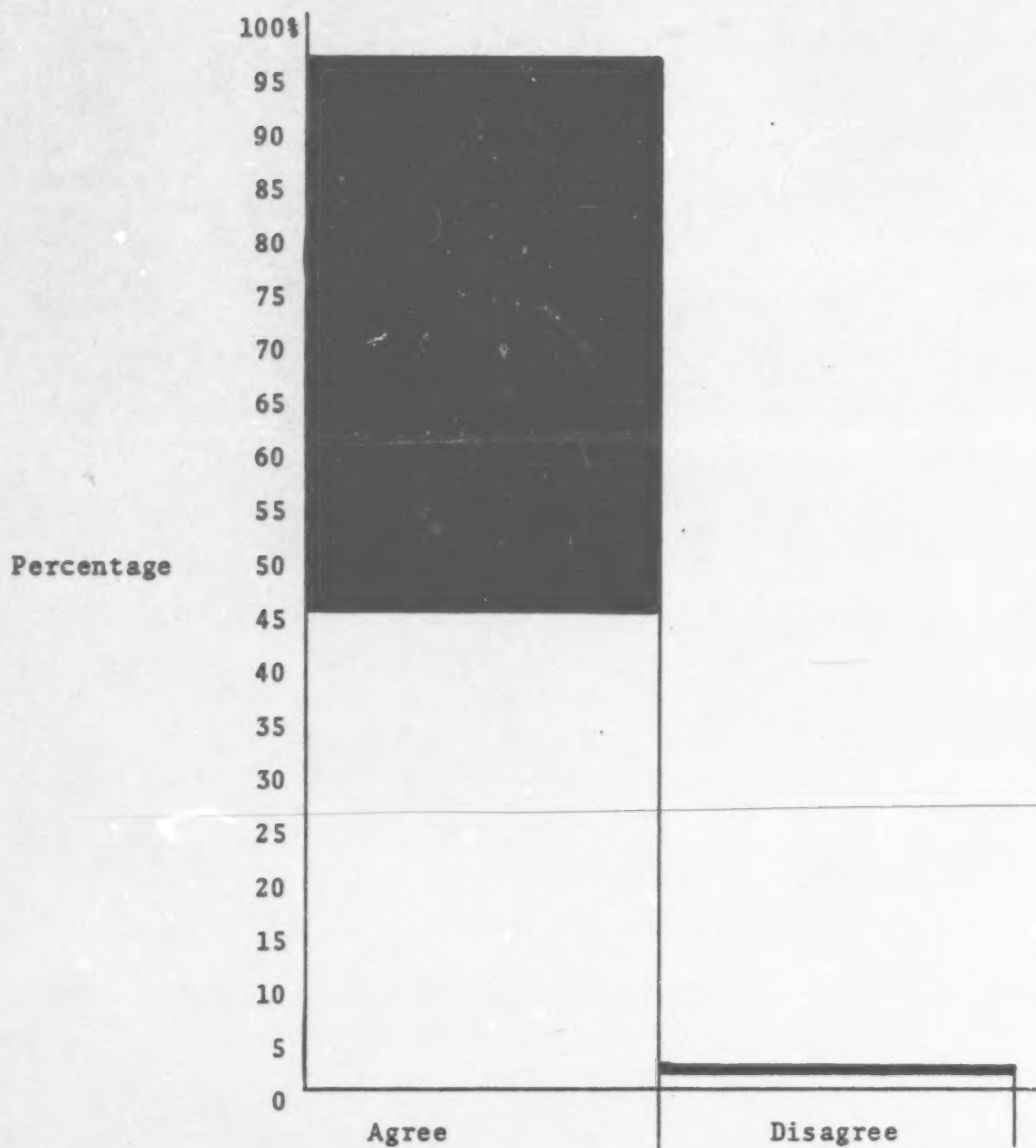
14. (3) Any serious student can get a good education at A.C.T.



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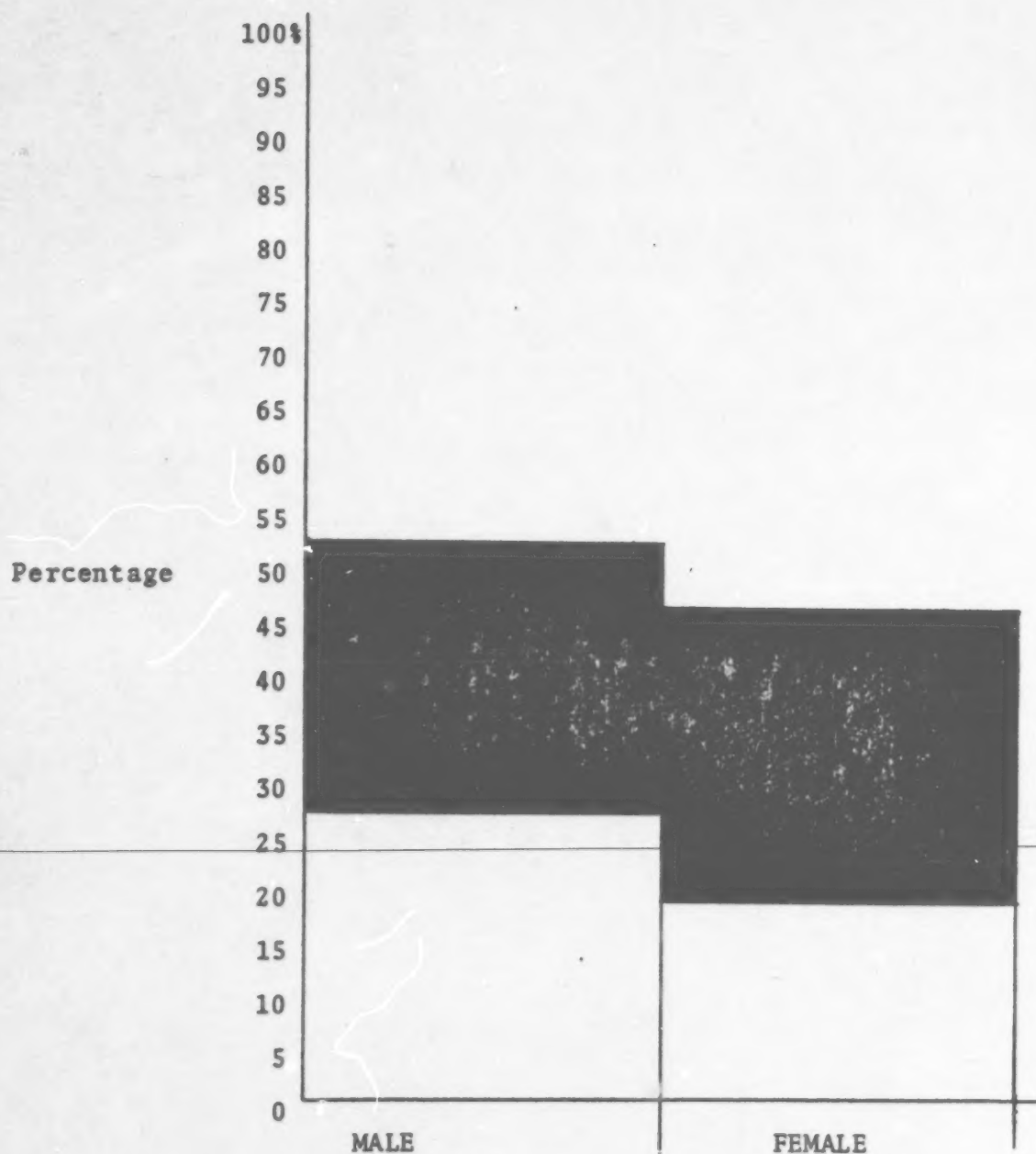
14. (4) A.C.T. is a good place to go if you want to be a part-time student.



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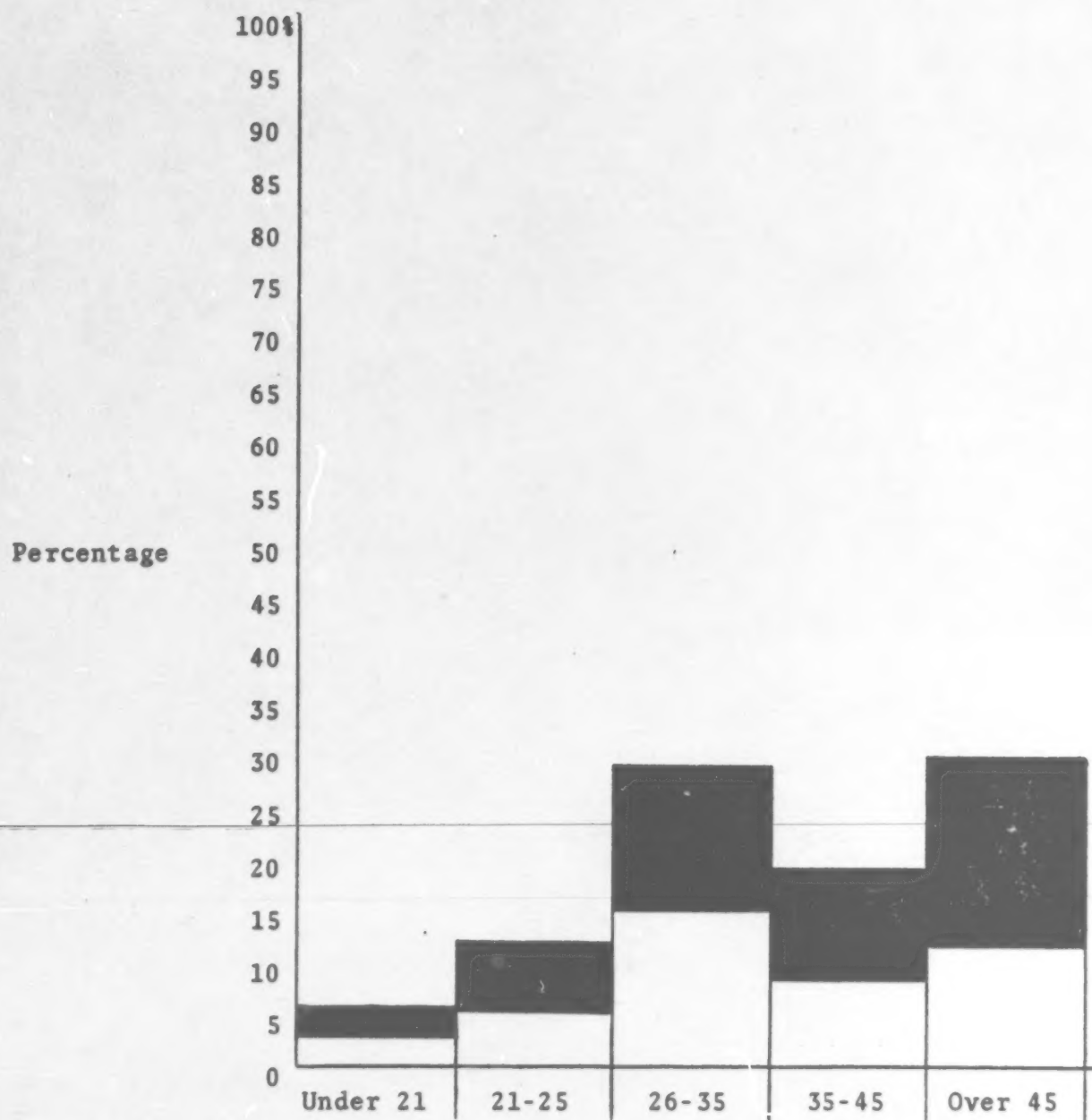
15. Are you MALE or FEMALE?



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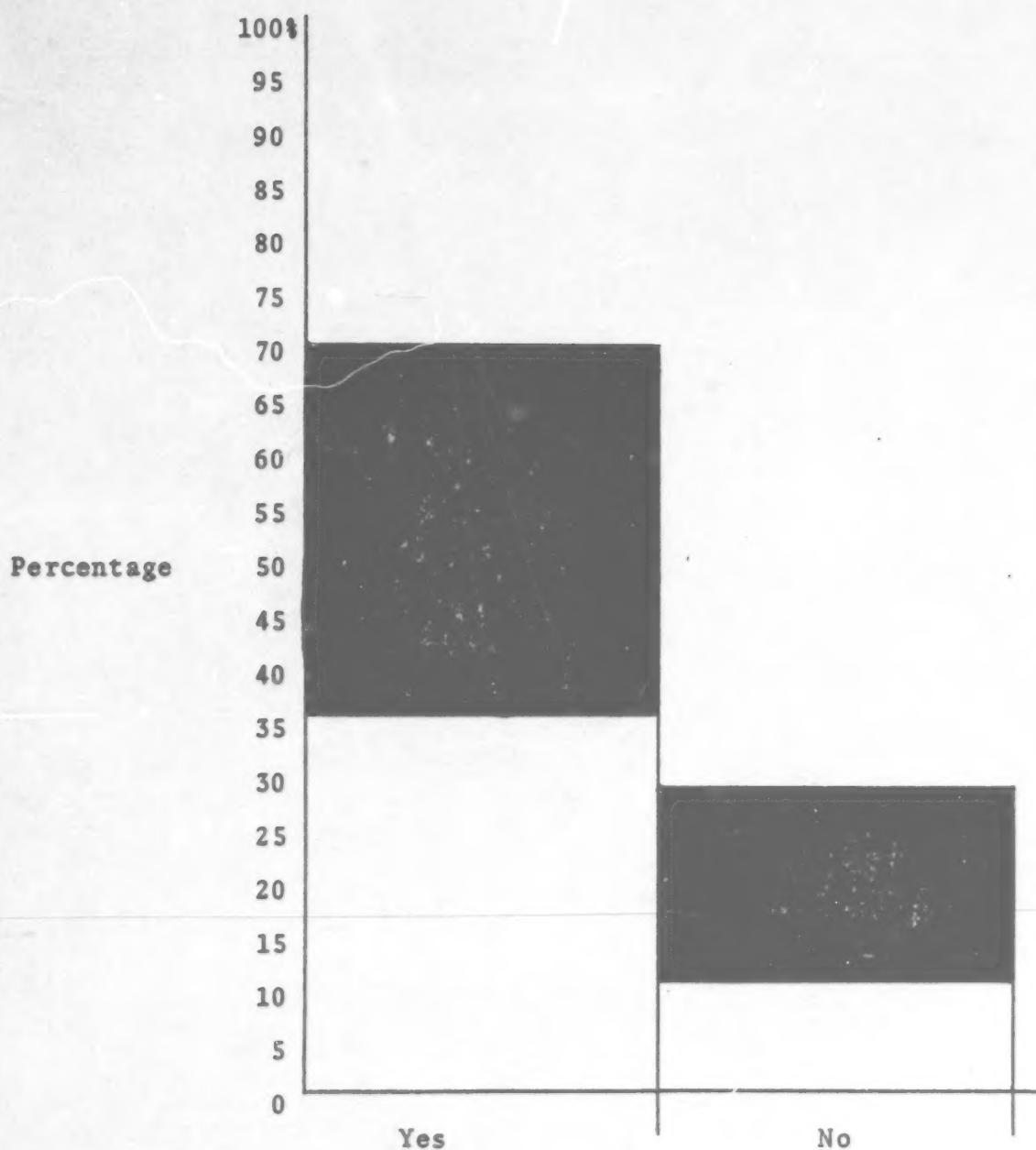
16. What is your age range?



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Shaded portion represents English-only households

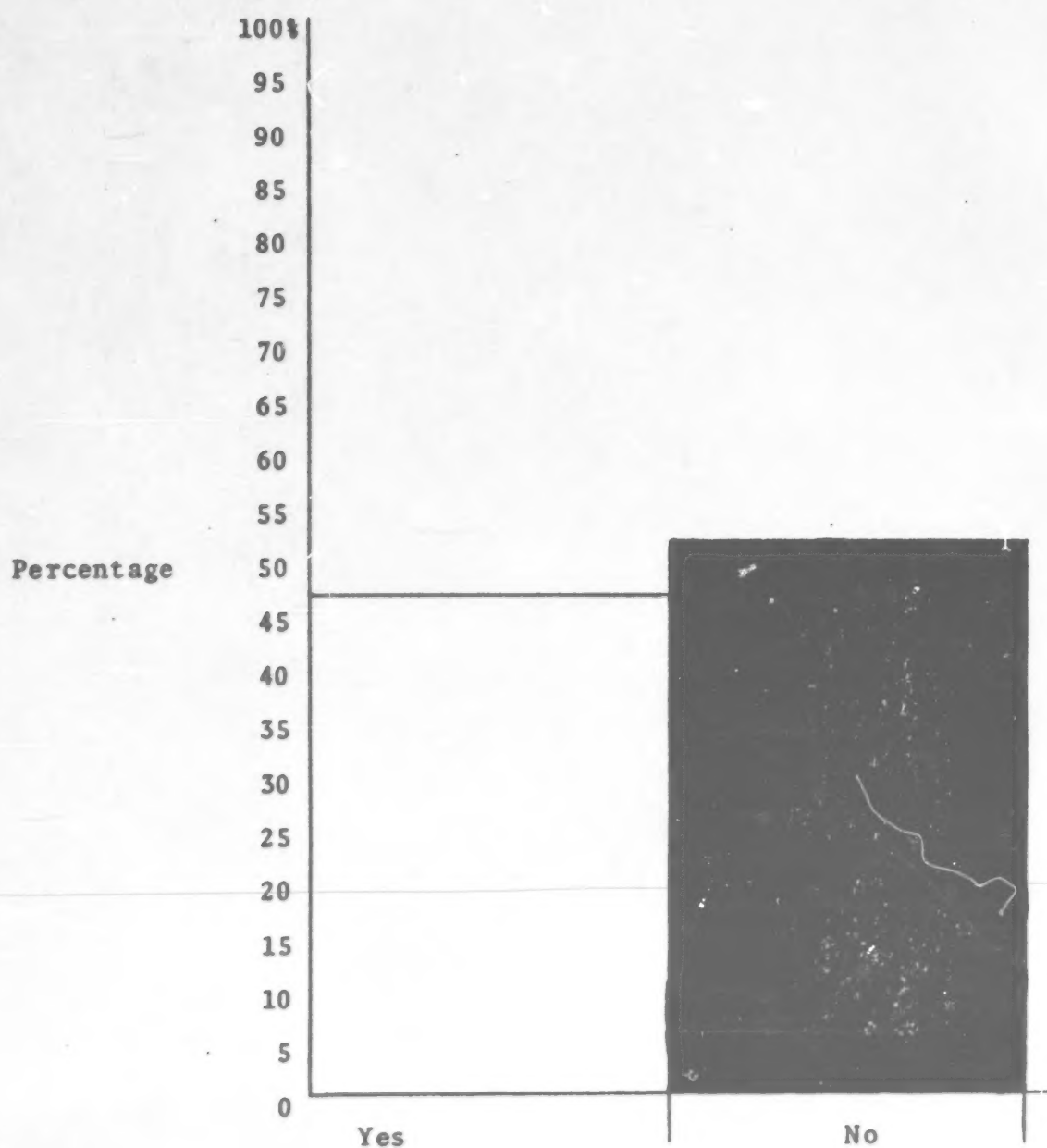
17. Do you have family responsibilities as a mother or father?



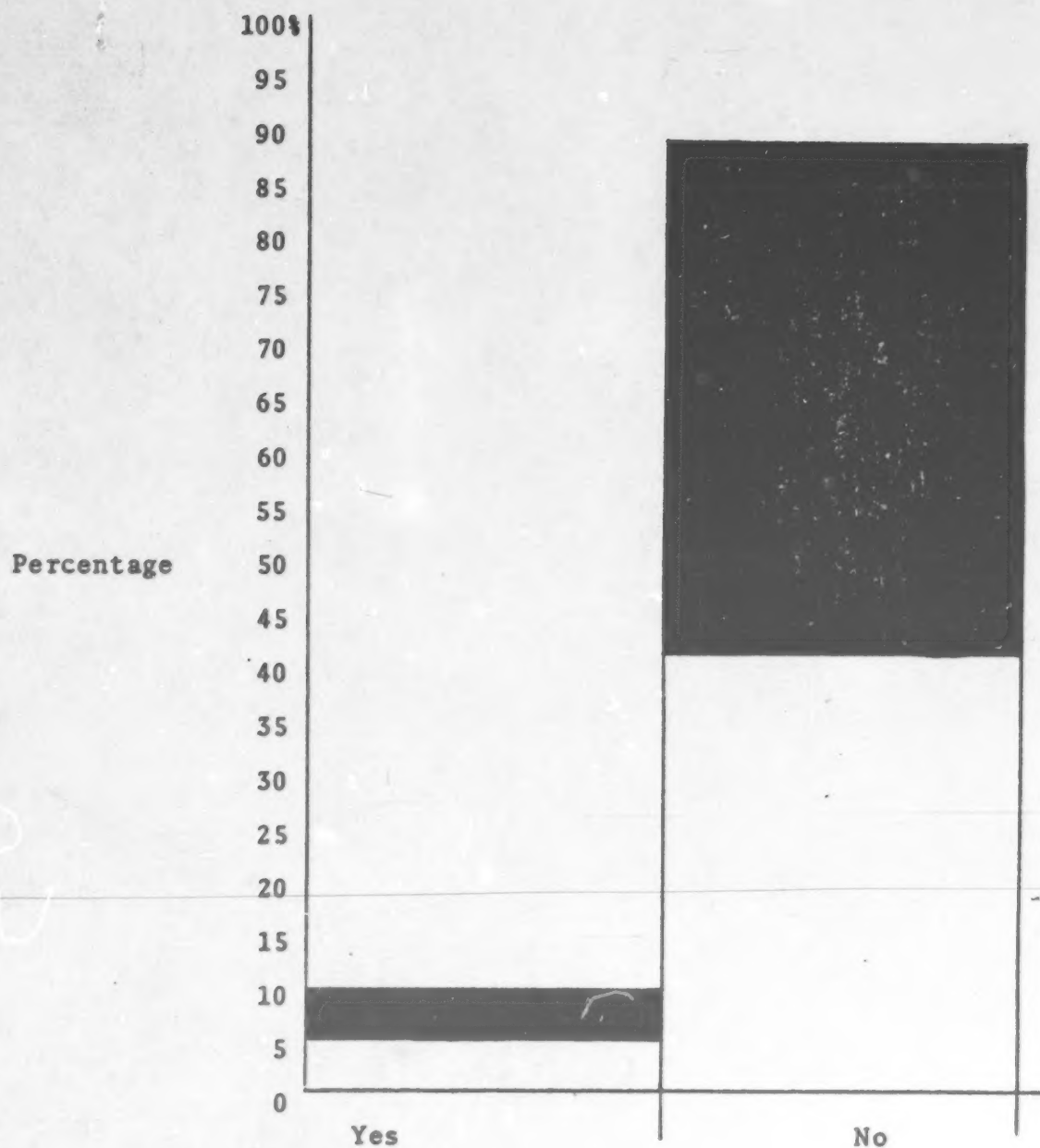
Unshaded portion represents bilingual households

Shaded portion represents English-only households

18. Does anyone in your household speak a language in addition to English?



19. Are you currently seeking employment?



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Shaded portion represents English-only households

E. Employers of the Service Area

a. Major employers.

The four mines responding represent major employers in the A.C.T. service area. One mine accounts for 90% of the hiring need reported; the other three mines total only 10% of the expected hiring. Requirements for employees for the next twelve months are greatest in areas of existing A.C.T. programs, such as mining technology, welding, electrical technology, and office secretary. These firms indicate that A.C.T. might provide 2 year programs and in-service courses and training sessions in these job areas.

Among new programs being considered by the college, heavy equipment operation elicited the most enthusiasm. Employers suggested short term pre-service and in-service training sessions to meet this need.

Demand for other new programs is low for the time period indicated. One firm noted that while their demand for new employees is low for the next twelve months, over the next thirty-six months they anticipate much greater requirements.

The following is a list of work areas for which A.C.T. might be able to provide Pre-Service or In-Service training. Please indicate expected hiring for the next twelve months in each area.

	<u>Number Needed</u>
I. Existing Programs	
Diesel mechanics	8
Electrical technology	29
Machine shop technology	7
Mining technology	361 ³
Office secretary	29
Refrigeration and air conditioning	5
Welding	31
Auto mechanics	6
II. Programs Being Considered by A.C.T.	
Data processing	6
Heavy equipment operation	12
III. Other Jobs of Your Company for which A.C.T. Might Provide Training	
Licensed practical nurse	1
Laboratory technologist	1
Maintenance mechanic	6
Pipefitter	4

Only work areas for which some hiring is expected are listed.

³ Other evidence suggests that the "Mining technology" classification was broadly interpreted by the respondents, thus the 361 people needed will not be required to have Associate degrees in Mining Technology.

The following is a list of work areas for which A.C.T. might be able to provide Pre-Service or In-Service training. Please indicate type of preparation desired of employees with this type of job. Check as many columns as apply.

		Frequency			
		Pre-Service		In-Service	
		2 year Program	Under 2 years	Formal Courses	Training Sessions
I.	Existing Programs				
	Diesel mechanics	▲			
	Electrical technology	▲		▲▲	▲▲
	Machine shop technology	▲		▲	▲
	Mining technology	▲		▲	
	Office secretary	▲	▲	▲▲	
	Refrigeration and air conditioning	▲▲		▲	▲
	Welding	▲		▲	▲
II.	Programs Being Considered by A.C.T.				
	Data processing	▲		▲	
	Heavy equipment operation		▲		▲
III.	Other Jobs of Your Company for which A.C.T. Might Provide Training				
	Licensed practical nurse	▲			
	Laboratory technologist	▲			
	Maintenance mechanic	▲		▲	▲
	Pipefitter	▲		▲	▲

Only work areas for which responses were received are listed.

b. Small employers.

Few firms responded to this survey. The eight who did include two mines, one department store, one newspaper, one construction firm, one motel, one restaurant, and one unspecified sales firm. Half report difficulty in finding qualified employees with specific skills, and thus recruit outside the immediate area. Most firms obtain employees who require prior training through direct application. Four firms mentioned training employed personnel for advancement.

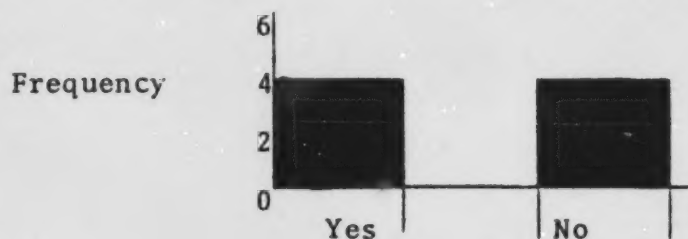
No consistent need emerges among job skills or A.C.T. course offerings desired by these employers—only elementary math, salesmanship, and basic accounting were mentioned more than once.

While opinions of A.C.T.'s efforts in serving these businesses were favorable, some responses indicated a lack of familiarity with the college's operations. When asked to comment on A.C.T.'s offerings or efforts in areas of their firms' needs, several respondents added a "don't know" category.

Employers expressed a real interest in short-term training sessions and in skill upgrading courses for their employees, and half the firms were willing to pay tuition for employees enrolled in such programs. The consensus was that these courses should be offered at the A.C.T. campus, after 5 P.M. on weekdays, or on Saturdays.

Support for Associate Degree programs for employees was nil.

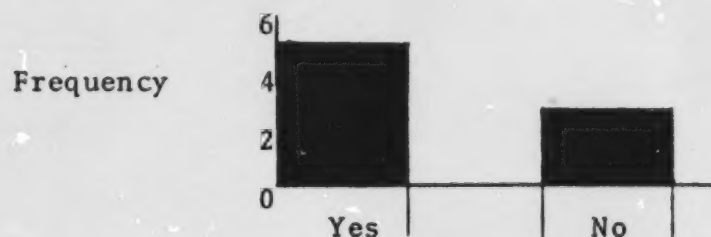
1. Does your firm have a problem finding qualified employees?



If "yes", what specific jobs are involved?

	Frequency
(1) Cooks	▲
(2) Construction	▲
(3) Advertising sales and layout	▲
(4) Heavy equipment operators	▲
(5) Crushing plant operators	▲

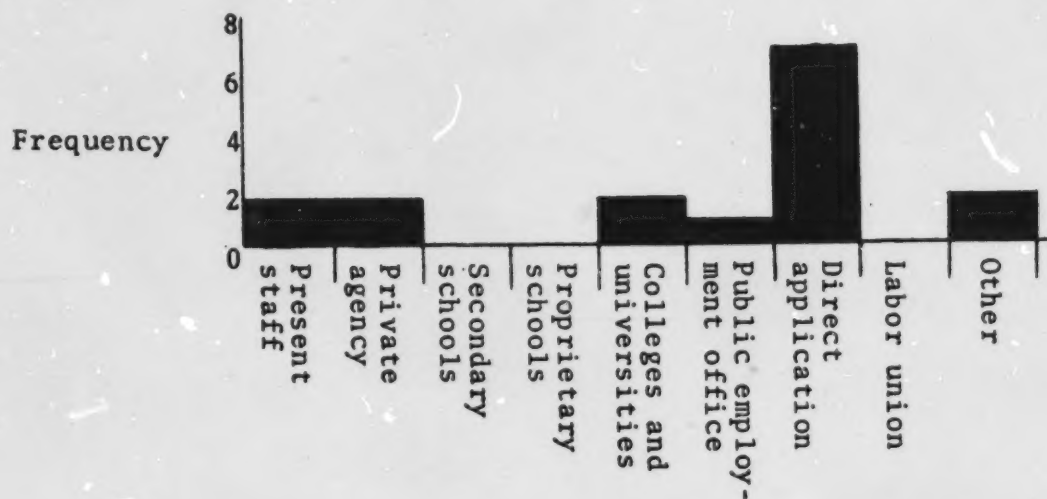
2. Do you have to look for some personnel in other than the immediate community?



If "yes", what specific jobs are involved?

	Frequency
(1) Cooks	▲
(2) Construction	▲
(3) Skilled, experienced news people	▲
(4) Heavy equipment operators	▲
(5) Crushing plant operators	▲
(6) Supervisors	▲
(7) Technicians	▲

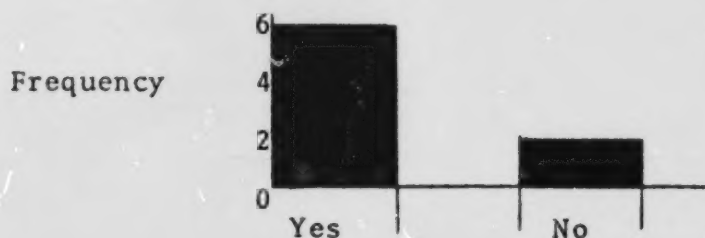
3. From what sources do you obtain employees who require prior training?



Breakdown on "Other"

	Frequency
(1) "Grapevine"	▲
(2) Classified ads	▲

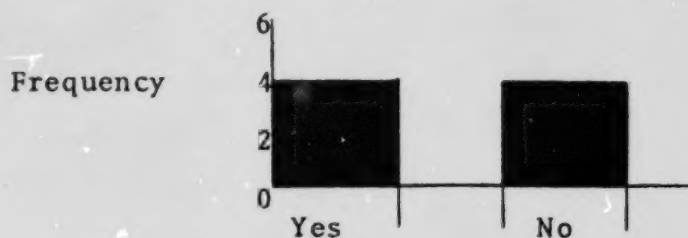
4. Would you like to see your prospective employees better trained in any skill?



If "yes", in what specific way would you like to see them better prepared?

	Frequency
(1) Better written English	▲
(2) Elementary math	▲▲
(3) Professional training for cooks	▲
(4) Advanced bookkeeping	▲
(5) Spelling	▲
(6) Telephone skills	▲
(7) Handling requests and/or complaints	▲
(8) Operating heavy equipment	▲
(9) Operating crushing plant	▲

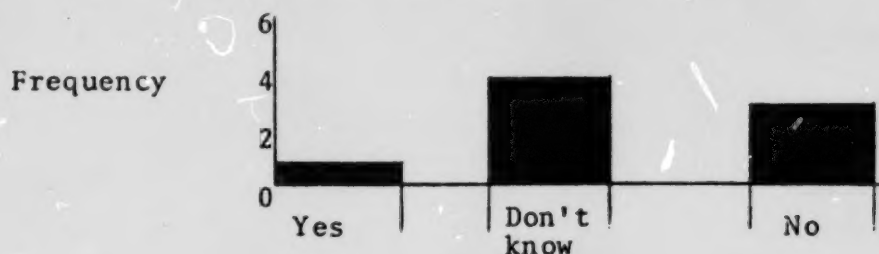
5. Does your firm train presently employed personnel for the purpose of promoting or advancing them?



If "yes", what jobs are involved?

	Frequency
(1) Technical	▲
(2) Crafts	▲
(3) Construction	▲
(4) Heavy equipment operators	▲
(5) Crushing plant operators	▲

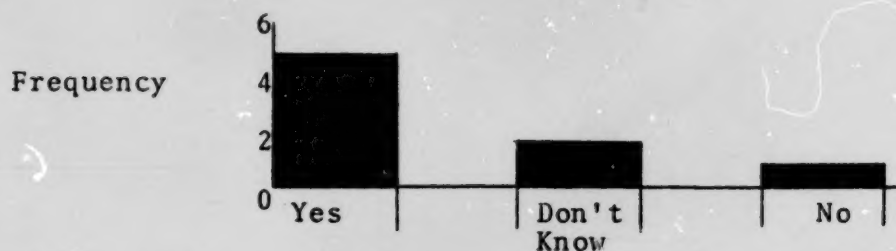
6. Have there been programs and/or courses offered during the past year by Arizona College of Technology which served a training need of your firm?



If "yes", list such programs and/or courses.

	Frequency
(1) Building trades	▲
(2) Math	▲
(3) Typing	▲

7. Are there programs and/or courses which you think Arizona College of Technology could offer that would serve training needs of your firm?



If "yes", list such programs and courses.

	Frequency
(1) Conscientious operating of heavy equipment	▲
(2) Salesmanship	▲▲
(3) Basic accounting	▲▲
(4) Surveying	▲
(5) Drafting	▲
(6) Chemistry	▲
(7) Mineralogy	▲
(8) Elementary physics	▲
(9) Electricity	▲

8. Check the following statements which you believe describe the efforts of Arizona College of Technology to serve your firm's training needs:

	<u>Frequency</u>
It is making a serious effort to help us.	▲▲▲▲
The quality of what it has done for us has generally been good.	▲
Don't know.	▲▲

9. Please indicate need for each of the following services to yourself and your employees:

	High	Moderate	Low	None
A. Short-Term training sessions on specific needs of the business or firm	4 2 0	4 2 0		
B. Courses for upgrading a needed skill	4 2 0	4 2 0		
C. Courses leading to an Associate Degree	4 2 0	4 2 0		

10. What are the best times for scheduling meetings and classes for you and your employees?

	<u>Frequency</u>
A. Weekday, work hours	zero
B. Weekday, noon hour	▲
C. Weekday, after 5 P.M.	▲▲▲▲▲
D. Weekends--Saturday	▲▲▲▲
E. Weekends--Sunday	▲▲

11. Location for classes

	<u>Frequency</u>
(1) At the A.C.T. campus	▲▲▲▲▲▲▲
(2) Kearny	▲
(3) High school	▲
(4) Oracle	▲

12. Would your business or firm consider paying tuition for employees enrolled in:

	<u>Frequency</u>
Short-term training sessions	▲▲▲▲
Courses for upgrading in a needed skill	▲▲▲▲
Courses leading to an Associate Degree	zero

F. Faculty and Staff

Forty-six faculty/staff members responded to the questionnaire. They indicated that most populations are well or adequately served by the college, but felt that some groups could be served better. Improved programs were recommended for advanced high school students and for transfer students, adding second level courses for the transfer students. Occupational students and employers could, they believe, be better served by the college; a specific recommendation was for improved mining related programs. Service to high school dropouts represents another area where it was felt improvement is needed. Recommendations related to this area include more emphasis on basic language and math skills, as well as improved liaison between the college and high schools.

The faculty and staff favor adding new offerings in life and physical sciences, and physical education. A need seen in the technical area is for a program in auto body and repair. It was suggested that the course Foundry Principles be reduced and that Mining Survey and Plan Surveying be combined into a single Basic Instrument Operations course.

Respondents feel strongly that student organization facilities are inadequate, and that a student center should be constructed. Other facilities considered inadequate are the science labs, bookstore, and the space for large group gatherings.

In areas of more personal concern to the respondents, need is seen for more storage and office space, while faculty want all cataloged classes to start, regardless of number enrolled.

Most survey respondents have been with the college less than three years, but have lived in the A.C.T. area for more than three years. They

represent largely academic faculty or classified staff, with records of employment in two-year colleges, secondary schools, or industry. The 2 to 1 ratio of male to female respondents probably reflects the vocational-technical orientation of the institution.

1. How well, in your judgment, are each of the following groups being served by A.C.T.?

	#	Well	Ade- quately	Poorly	No Opinion
(1) Transfer students	25 20 15 10 5 0				
(2) Occupational students	25 20 15 10 5 0				
(3) Advanced high school students	25 20 15 10 5 0				
(4) High school dropouts	25 20 15 10 5 0				
(5) Working adults	25 20 15 10 5 0				
(6) Retired people	25 20 15 10 5 0				
(7) Physically handicapped	25 20 15 10 5 0				
(8) Unemployed	25 20 15 10 5 0				
(9) Employers	25 20 15 10 5 0				
(10) Minority Groups	25 20 15 10 5 0				

2. Are there existing programs and/or services of A.C.T. which you believe should be expanded and/or strengthened to better serve the area? (You should consider only those programs or services which you feel qualified to judge.)

	<u>Strengthen</u>	<u>Expand</u>
(1) Off campus classes		▲
(2) Refrigeration	▲	▲
(3) Administration of justice	▲▲	▲▲
(4) Second level course for transfer students	▲▲▲▲	▲
(5) Emphasis on basic language and math skills	▲▲	▲▲▲
(6) Diesel	▲▲	▲▲
(7) Machine shop		▲
(8) Mining	▲▲	▲
(9) Mining related area	▲▲	▲▲
(10) Building trades	▲	▲
(11) Mid-management		▲
(12) Developmental courses	▲	▲▲
(13) Welding	▲	
(14) Physical education	▲	▲▲
(15) Secretarial	▲	▲
(16) Facilities	▲▲	▲
(17) Evening classes		▲
(18) Liaison between college and high school	▲▲	▲▲
(19) Student follow-up	▲	
(20) Community services		▲▲
(21) Early childhood tech. aid	▲	▲
(22) Occupational programs	▲	
(23) Industrial	▲	
(24) Retired	▲	▲
(25) Womens'	▲	
(26) Science Programs		▲
(27) Spanish services	▲	
(28) Data processing-storage and retrieval	▲	

3. Are there programs, and/or services which you believe A.C.T. Should add if it is to adequately serve the area? If so, list them below.

	<u>Frequency</u>
(1) <u>Woods program</u>	▲
(2) <u>Community service</u>	▲▲
(3) <u>Social sciences</u>	▲
(4) <u>Humanities</u>	▲
(5) <u>Life sciences</u>	▲▲▲
(6) <u>Physical science</u>	▲▲▲
(7) <u>Small industry personnel training</u>	▲
(8) <u>Bus service</u>	▲
(9) <u>Dormitories</u>	▲
(10) <u>Physical education</u>	▲▲▲
(11) <u>Data processing</u>	▲
(12) <u>Electronics</u>	▲
(13) <u>Auto body and repair</u>	▲▲▲
(14) <u>Agricultural mechanics</u>	▲▲
(15) <u>More noncredit courses</u>	▲
(16) <u>Graphic arts</u>	▲
(17) <u>Mid-management</u>	▲▲
(18) <u>Employment placement</u>	▲▲
(19) <u>Vocational school services to high schools</u>	▲
(20) <u>More faculty and staff</u>	▲
(21) <u>Health services</u>	▲
(22) <u>Planned scheduling of classes</u>	▲
(23) <u>Home economics</u>	▲
(24) <u>Turbine engine machine shop</u>	▲
(25) <u>Shorthand stenographic machine</u>	▲
(26) <u>Practice teaching for state certification</u>	▲
(27) <u>Bridge</u>	▲
(28) <u>English as a second language</u>	▲

4. Are there existing programs, courses and/or services offered by A.C.T. which you believe should be eliminated or reduced?

(1) Reduce Foundry Principles.

(2) Combine Mine Survey and Plane Surveying into one course in basic instrument operation.

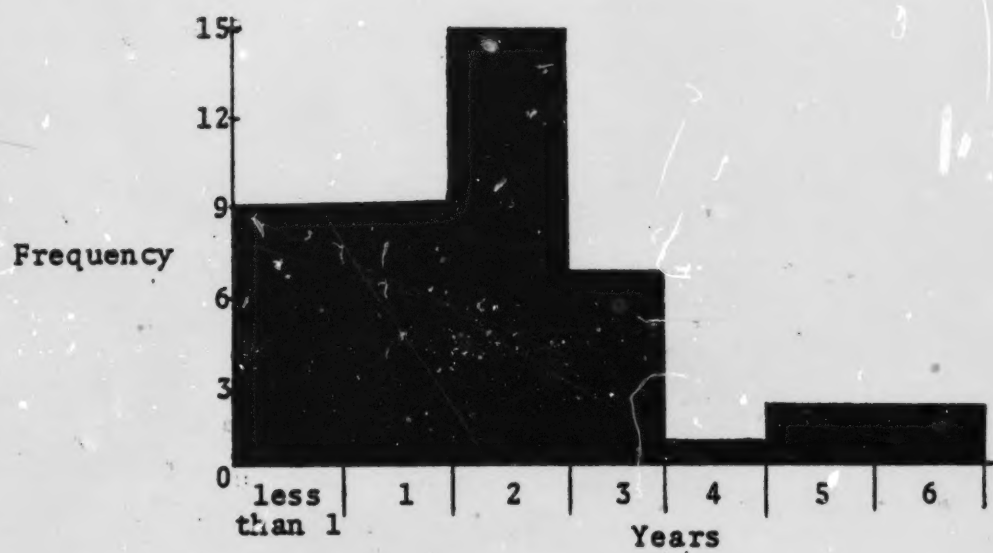
5. How do you rate the following A.C.T. facilities?

		Ade- quate	Inade- quate	Exces- sive	Need Re- novation	Not Qual- ified to Judge
(1) Classrooms	# 30					
	25					
	20					
	15					
	10					
	5					
	0					
(2) Instructional Materials Center	30					
	25					
	20					
	15					
	10					
	5					
	0					
(3) Science Labs	30					
	25					
	20					
	15					
	10					
	5					
	0					
(4) Technology Labs	30					
	25					
	20					
	15					
	10					
	5					
	0					
(5) Bookstore	30					
	25					
	20					
	15					
	10					
	5					
	0					
(6) Registration area	30					
	25					
	20					
	15					
	10					
	5					
	0					
(7) Student eating area	30					
	25					
	20					
	15					
	10					
	5					
	0					
(8) Space for stu- dent organiza- tions	30					
	25					
	20					
	15					
	10					
	5					
	0					
(9) Space for large group gatherings and recreation	30					
	25					
	20					
	15					
	10					
	5					
	0					

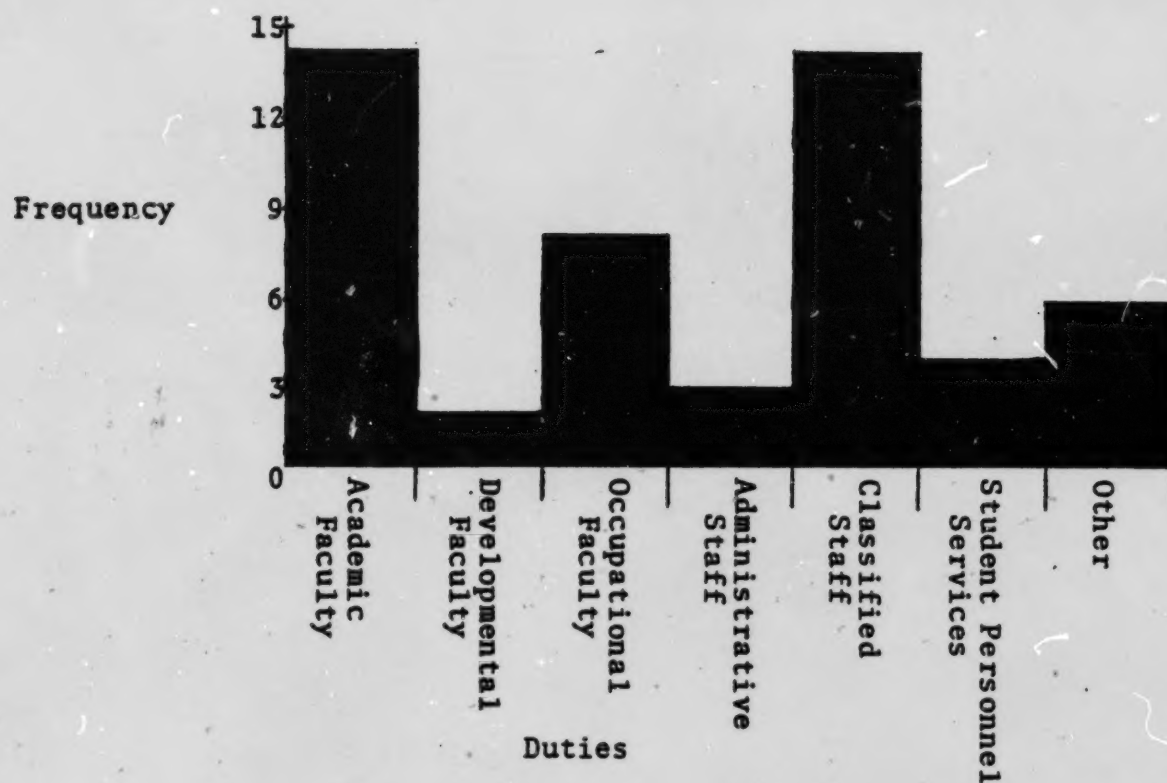
6. Make any additional suggestions you have for improving A.C.T. as a comprehensive community college. Be as specific as possible.

	<u>Frequency</u>
(1) <u>Motivating high school seniors</u>	▲
(2) <u>Allow instructors to help pick texts</u>	▲
(3) <u>More P.E. areas--baseball, basketball, handball, etc.</u>	▲▲▲
(4) <u>Organize budgeting and planning of vocational classes</u>	▲▲
(5) <u>Drainage of sidewalks</u>	▲
(6) <u>Housing referral service for faculty and staff</u>	▲
(7) <u>More autonomy of A.C.T. from C.A.C.</u>	▲▲
(8) <u>Small sports programs</u>	▲▲
(9) <u>Dormitories</u>	▲▲
(10) <u>Build student center</u>	▲▲▲▲▲▲▲▲
(11) <u>Commitment from instructors to students</u>	▲
(12) <u>Allow all cataloged classes to start, regardless of small enrollment</u>	▲▲▲▲
(13) <u>Master plan for faculty and staff</u>	▲
(14) <u>Bilingual programs</u>	▲
(15) <u>Raise quality of part time instructors</u>	▲
(16) <u>Community service</u>	▲
(17) <u>Advertise schedule in newspaper</u>	▲
(18) <u>Business courses</u>	▲
(19) <u>Light up tennis courts</u>	▲
(20) <u>Extend C.A.C. music program to A.C.T.</u>	▲
(21) <u>Improve publicity of cultural programs</u>	▲
(22) <u>Improve communications between faculty, part time faculty, personnel, residents, by picnics or seasonal parties</u>	▲
(23) <u>Show area industries the value of employees with Associate degree</u>	▲
(24) <u>Storage and office space</u>	▲▲▲▲

7. How long (years) have you been employed at A.C.T.?



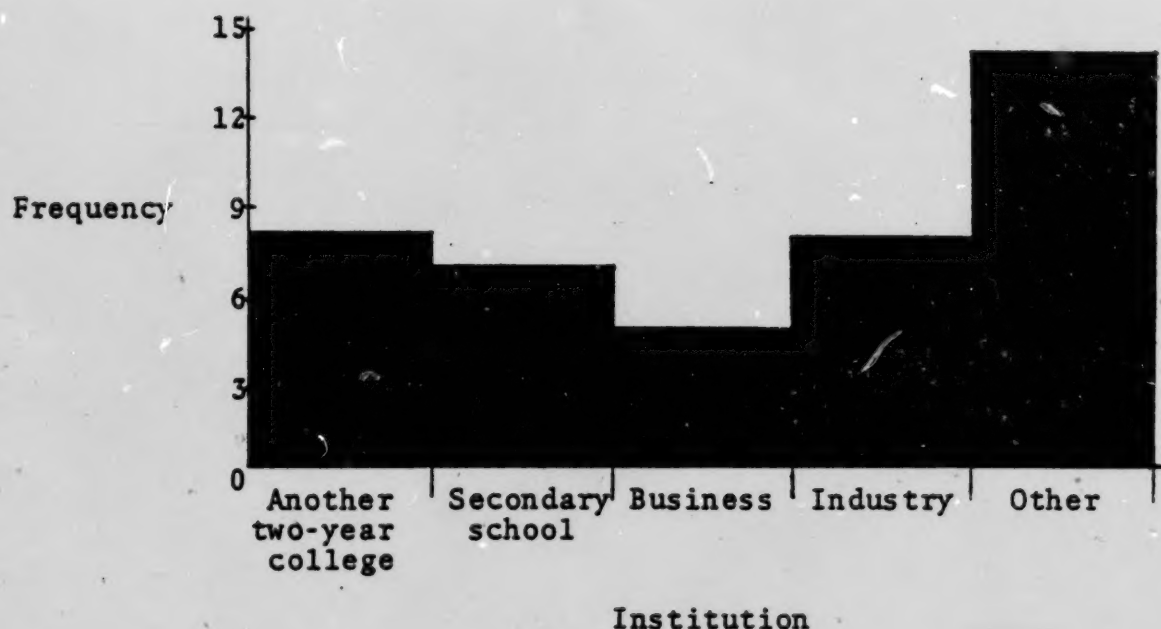
8. What is the nature of your duties?



Breakdown on "Other"

	Frequency
(1) <u>Work study</u>	▲
(2) <u>Watchman</u>	▲
(3) <u>Pre-school coordinator</u>	▲
(4) <u>Special interest class</u>	▲
(5) <u>Part time off-campus</u>	▲
(6) <u>Faculty</u>	▲

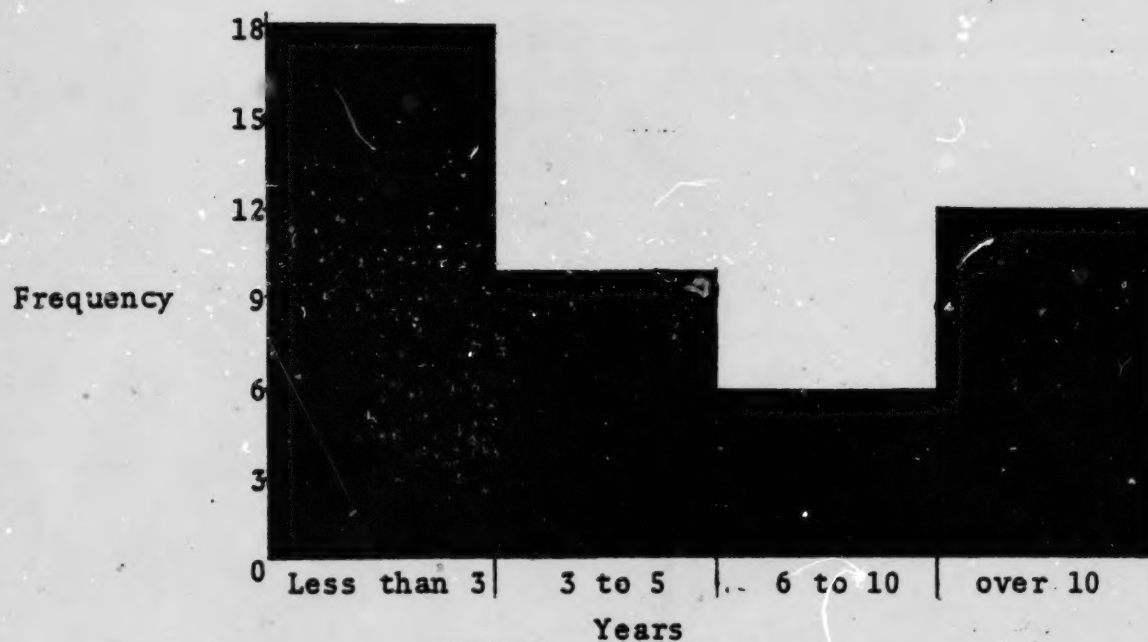
9. What type of institution were you associated with before coming to A.C.T.?



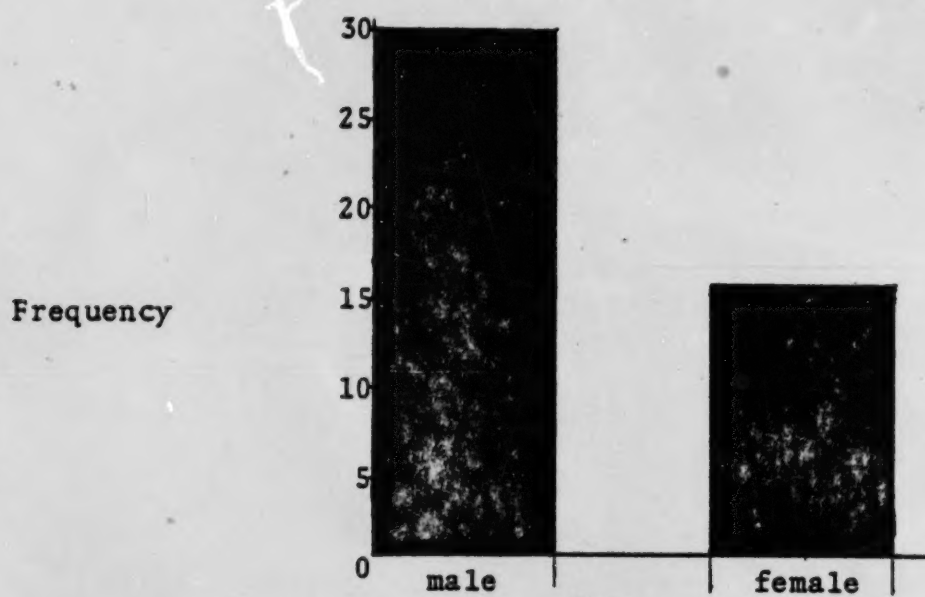
Breakdown on "Other"

	Frequency
(1) <u>U. of A.</u>	▲▲▲▲
(2) <u>Arizona D.P.S.</u>	▲▲
(3) <u>Military</u>	▲▲
(4) <u>A.S.U.</u>	▲
(5) <u>Public library</u>	▲
(6) <u>Manpower training organization</u>	▲
(7) <u>Transportation trainer</u>	▲
(8) <u>Four-year institution</u>	▲
(9) <u>Security Guard Systems</u>	▲

10. How long have you lived in the immediate area?



11. Are you MALE or FEMALE?



G. Advisory Committee Members

Twenty advisory committee members responded to this survey. Their answers on the questionnaire indicate rather limited activity in the advisory member role. Some noted little demand from the college for their services, while several others indicated they had spent little time functioning as an advisory member, and that they should be replaced.

The majority of respondents have served for one year or less. They represent nine different advisory areas (by their own terms). Since two people indicated that they advised for more than one area, only the eighteen respondents who were clearly commenting on one committee and on one program are included in the specific comments below.

Agriculture - 3 respondents

This advisory committee rated its effectiveness as "adequate", "poor" and "poor".

The program with the exception of the program staff, was considered inadequate. One respondent suggested considerable upgrading of the program; two others proposed its discontinuation. "No interest in community about agriculture" replied one member.

Allied Health - 3 respondents

Members of this advisory committee rated itself as "excellent", "adequate" and "poor".

The program staff is considered good, other program features are satisfactory. All members want the program expanded. Two indicated that program revision might be in order.

Business - 2 respondents

These two advisory committee members rated its effectiveness as

"excellent" and "adequate".

The program rates good to satisfactory, except for demand for graduates, which is inadequate. One member asked that the program continue essentially unchanged, the other desired expansion--more equipment, more students, and upgrading of instructors.

Child Development - 2 respondents

These two advisory committee members rated their committee as "adequate" and "poor".

The program was viewed as generally satisfactory. One respondent wants considerable expansion, one wants it to continue unchanged. Both asked for more effort on student recruitment.

Construction Trades - 3 respondents

These three considered the advisory committee to be "adequate".

The program was rated as generally satisfactory, with expansion recommended.

Diesel and Auto Mechanics - 2 respondents

The advisory committee's effectiveness was rated "adequate" and "poor" by these two respondents.

One respondent saw the program as inadequate and voted for considerable expansion; the other member judged the program satisfactory and wants it to continue unchanged until its value and effectiveness can be ascertained.

Industrial Trades - 1 respondent

This individual judged the advisory committee as "adequate".

The program was seen as satisfactory and should continue unchanged.

Mining - 1 respondent

The advisory committee was rated "adequate" by this respondent.

Community acceptance of the program was viewed as good, and it should continue essentially unchanged.

Welding - 1 respondent

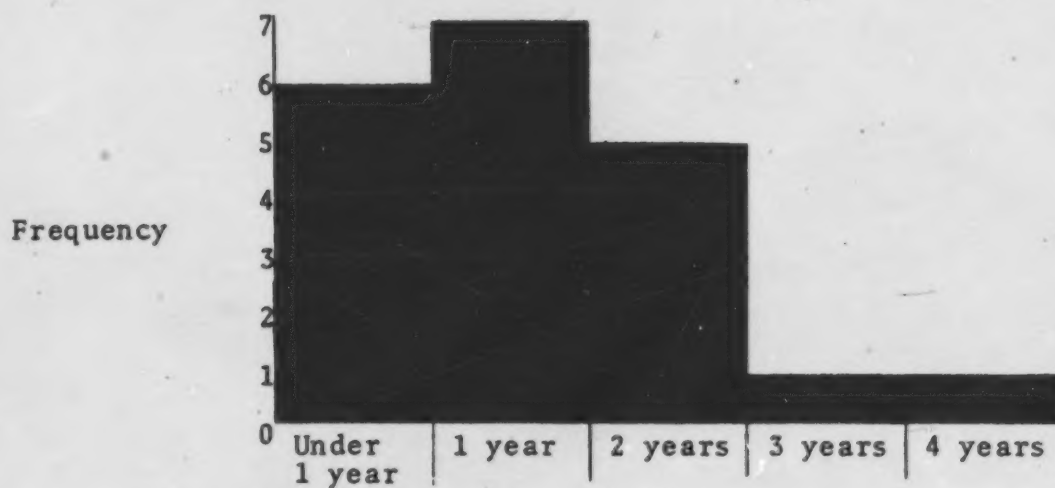
This respondent rated that advisory committee as "adequate".

Program staff, facilities, community acceptance, and equipment were all judged to be good, the rest of the program is seen as generally satisfactory. In the view of this respondent, the program should be expanded, with some new equipment for new techniques, and more student recruitment.

1. Following is a list of functions which might be performed by an advisory committee. Please indicate the extent to which you, in your capacity as an advisory committee member, have performed each of these functions.

Function	Extensive	Considerable	Limited	Not at all
Assist in surveys to determine demand for graduates of program.	☐	☐	☐	☒
Advise in identifying skills needed by graduates of program.	☐	☐	☐	☒
Advise in developing student selection criteria.	☐	☐	☐	☒
Assist in developing public information about the program.	☐	☐	☐	☒
Advise as to need for special facilities, equipment and material for the program.	☐	☐	☐	☒
Recommend potential instructors.	☐	☐	☐	☒
Keep the College informed on employment supply and demand.	☐	☐	☐	☒
Advise in developing cooperative work experiences with business or industry.	☐	☐	☐	☒
Assist in the recruitment of students.	☐	☐	☐	☒
Assist in the placement of graduates.	☐	☐	☐	☒
Recommend criteria for evaluating the program.	☐	☐	☐	☒

How long have you served as an Advisory Committee Member?



SECTION IV

SUMMARY OF FINDINGS, OBSERVATIONS, AND RECOMMENDATIONS

The summary of findings and observations presented in this section follows the order of study questions which appear in the section entitled Purpose and Method of the Study.

Findings and Observations

A. High School Students

1. What educational plans do they have after leaving high school? Over half of the high school students reported that they definitely plan to attend college while one-third were undecided. These findings correspond closely with other studies of high school students' educational aspirations in similar types of communities. Parental occupation was found to be related to future educational plans. Students of families where the heads of household were professional, supervisors or foremen, and technicians expressed the most desire to continue their education.

2. What institutions do those who plan to continue their education beyond high school expect to attend? Arizona College of Technology ranked first by juniors and seniors as a choice of post-secondary learning but a high ratio also choose Northern Arizona University, the University of Arizona, and Central Arizona

College in that order. The types of programs available and reputation were the principle reasons given for attending A.C.T. Nevertheless, given the large number of students who gave an institution other than A.C.T. as their preference, it seems that continued if not increased attention should be given to informing local high school students of A.C.T. and its programs.

3. What are the course and program interests of those who are considering attending A.C.T.? There was substantial interest in most programs presently offered at A.C.T. (question #8 on Survey Instrument) and high to very high interest in several new programs which are being considered (question #9 on Survey Instrument). Among existing programs with high interest were agriculture, diesel mechanics, electrical technology, allied health programs, and secretarial training. Among the new programs being considered, interest was high in natural resources conservation, wildlife management and in auto body and fender repair. There was also substantial interest proposed programs in heavy equipment operators, gunsmithing, in small engine repair and in data processing. Interest was also expressed in a variety of programs not presently assumed to be available at A.C.T. by these high school students. These range from art and music, to beautician and modeling, to auto mechanics and aviation, though none stood out from the rest.

4. What image do these high school students have of Arizona College of Technology? The fact that the highest response to an item pertaining to this question (question #10 on Survey

Instrument) was "I know almost nothing about A.C.T.", further suggests that continued if not expanded effort is needed to inform high school students of the area of A.C.T. and its programs. However, other responses give evidence that the image of A.C.T. is distinctly positive as indicated by a substantial percentage who see it as "a friendly place", "has a nice campus", and "is a good place to take classes that help get a job".

B. Current Students

1. How do they rate their experiences at A.C.T.? Over 70% of the current students are basically satisfied with the courses, the time courses are scheduled, and the quality of instruction. Most also rate favorable counseling and guidance, faculty advisement, and admission and registration. In summary, the institution enjoys a good image with them.

2. What is their evaluation of the institution's facilities? Several types of space were judged less than adequate. Those consisted of a place for large group gatherings, space for student organizations, the science laboratories, and the bookstore.

3. What were their choices of existing programs and what are their interests in proposed new programs? The most popular current programs are welding, business management, and electronics. Of the new programs being considered, substantial interest was expressed in wildlife and game management, auto body and fender repair, gunsmithing, heavy equipment operator, and solar energy technology.

4. What are their future occupational and educational interests? Nearly 25 percent of these current students plan to be skilled workers with the next highest area of interest being professional workers (15 percent). Thirty percent plan to continue their education after leaving A.C.T. with over 35 percent undecided about future educational plans and only 25 percent reported that they have no plans for further education.

C. Former Students

1. How do former students rate their experience at Arizona College of Technology? The vast majority of these respondents (nearly 80 percent) expressed satisfaction with the courses taken and the times they were offered. Over 70 percent rated the quality of instruction as good.

2. What are their ratings of various services offered? Inasmuch as a majority of them had completed less than 10 credit units at A.C.T., and frequently off-campus, many were unfamiliar with such services as the library, counseling and guidance, financial assistance, and student activities. Faculty advisement, admission and registration were better known and favorably rated.

3. What were their choices of programs and what interest do they show in proposed new programs? Most of these respondents took transfer or personal interest courses while enrolled at A.C.T. They expressed substantial interest in programs which the College is considering adding with wildlife and game management and gunsmithing receiving the most support.

4. What have they done occupationally and educationally?

Over half of these former students are currently employed with the local mining companies the principal employers. The fact that over half of the respondents were women, many housewives, no doubt explains why a higher ratio are not gainfully employed.

Almost half of the group reported that they have attended another post-secondary institution either before or after enrolling at A.C.T.

D. Resident of the Service Area

1. What interest is there in courses, programs or services offered by Arizona College of Technology? Such interest was found to be high. Nearly two-thirds of those who responded expressed a desire for the College to serve them. Interests mentioned most frequently by area were:

- (a) BUSINESS -- secretarial skills and accounting
- (b) VOCATIONAL-TECHNICAL -- auto mechanics, welding, electrical
- (c) PHYSICAL EDUCATION
- (d) HOBBIES -- crafts and photography
- (e) OTHERS -- art, music, Spanish, English

Nearly 60 percent reported that there are employment skills which they would like to develop or improve and almost the same percentage identified personal and recreational skills.

3. What image do they have of the College? Assuming that the responses received are representative of the service area, A.C.T. enjoys an excellent image in its service area. Nearly 80 percent agreed that it is an "excellent institution", nearly

90 percent agreed that it "has strong community acceptance", and nearly 90 percent agreed that any serious student can "get a good education" at the College.

E. Employers of the Service Area

1. What local employment needs exist which Arizona College of Technology might help meet? Personnel requirements anticipated by major employers in the years ahead correspond closely to existing A.C.T. programs in the areas of mining technology, welding, electrical technology and secretarial. No clear pattern emerged for small employers with only elementary mathematics, salesmanship, and basic accounting receiving more than isolated identification. A number of small employers reported a lack of knowledge about existing program of the College.

2. Are there additional courses, programs, and services which they would like A.C.T. to provide? The major interest of both major and small employers is for short-term training sessions and skill upgrading courses for employees.

3. When should courses and programs be offered to best serve employers? The consensus was that employers would be best served if inservice and upgrading courses are offered after 5 p.m. on weekdays and on Saturdays.

F. Faculty and Staff

1. How well do they believe that programs and services are benefitting the area served by the College? Faculty and staff expressed the general view that most populations are reasonably well served by the College.

2. What improvements or additions do they believe should be made in programs and services? Improvements or additions were suggested in several areas including (a) service to advanced high school students, (b) adding second level courses in the transfer program including expanded offerings in life and physical science, (c) improvements in mining related programs, (d) improved service to high school dropouts including more emphasis on basic language and mathematics and (e) improved liaison between the College and high schools. The only suggestions for eliminating or reducing existing offerings were to reduce Foundry Principles and combine Mine Survey and Plane Surveying.

3. How do they view the adequacy of existing facilities for carrying out the work of the College? The faculty and staff identified facility inadequacies in several areas. These include the bookstore, space for student organizations and registration, science laboratories, space for large group gatherings, and storage and office space. The view was expressed that a student center was needed to alleviate several of these needs.

G. Advisory Committee Members

1. How do they view the effectiveness with which they are being utilized? The advisory committee members who responded to this survey reported that their roles were decidedly limited (question #1 on Survey Instrument). Some suggested that they be replaced because of limited involvement.

2. What are their evaluations of the programs for which they serve as advisory committee members? Ratings varied from "good" to "inadequate" with "satisfactory" being the most frequent.

3. What changes do they think should be made in the programs with which they are associated? Recommendations for program expansion were made by advisory committee members for programs in Allied Health, Business, Child Development, Construction Trades, and Diesel and Auto Mechanics.

Recommendations

It is proposed that the following recommendations be weighed seriously by the District Governing Board and the administration of the Pinal County Community College District as they plan for the future of the Arizona College of Technology.

A. Recommendations relating to program development

- Determination should be made of the possibility of introducing at an early date new programs in (1) natural resources conservation and wildlife management, (2) auto body and fender repair, and (3) heavy equipment operator.
- Consideration should continue into the desirability of developing new programs in (1) journalism, (2) solar energy technology.
- Inquiry should be undertaken into the desirability of developing expanded programs in (1) music and (2) art.
- A committee of small employers should be formed to meet with College officials to explore ways that they might be better served.
- By virtue of the goals expressed by both present students and high school student of the service area (35% aspire to professional careers), A.C.T. should continue to develop a broad-based and balanced educational program.

B. Recommendations relating to facilities

- Plans should be undertaken immediately to provide more and/or better facilities for (1) the bookstore, (2) registration, (3) student organizations and (4) large group meetings.

C. Recommendations relating to advisory committee

- The findings of this study pertaining to advisory committees should be discussed with advisory committee members to determine if it accurately reflects their views. If it is found that they do, measures should be agreed upon for alleviating the problems identified.

D. Recommendations relating to the image of A.C.T.

- The existing plan for informing local area high school students of A.C.T. and its programs should be reviewed to determine how it might be improved.
- Consideration should be given to holding meetings with representatives of the Spanish speaking population of the service area to determine how they might be more effectively served by the College.

APPENDIX A

1	2	3	4

HIGH SCHOOL STUDENT SURVEY

5

This survey is being made to help Arizona College of Technology plan for the future so that it can help those who will be enrolling there. Your help in that undertaking by completing this survey form will be greatly appreciated. Please answer with your own views, not how you think someone else might want you to respond. You are not asked to tell who you are. Skip the blank spaces which do not apply to you.

Do not write in this column.

6

- 1 Yes, immediately after high school graduation.
- 2 Yes, but not immediately after high school.
- 3 Undecided at this time.
- 4 No.

2. If you are not planning or are undecided about going to college, what are the reasons? (Check all of the following that apply):

$$\begin{array}{r} \\ 7 \end{array}$$

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14

- _____ No money.
- _____ No interest in school.
- _____ Don't know what I want to do.
- _____ Poor grades in high school
- _____ Want to earn money
- _____ Parents want me to go to work.
- _____ Courses I want are not available. (In this case, what are
the courses?) _____
- _____ Other reason(s). Please list _____

High School Student Survey

3. If you expect to go to college after getting out of high school, do you plan to:

1 Be a full-time student.

2 Be a part-time student.

3 Uncertain.

4. What type of work would you like to be doing five to ten years from now? (Tell exactly if you can. You may list more than one preference.)

5. If you plan to go to college, either immediately after graduation or at some later time, to which college are you going? (If you are considering more than one college or specialized school, place a "1" before your first choice, a "2" before your second choice, and a "3" if you have a third choice.)

 Arizona College of Technology

 Central Arizona College at Coolidge

 Arizona State University

 Northern Arizona University

 University of Arizona

 A vocational, business, or technical school or college

(Give its name.)

 Another college or university. (Give its name.)

 Another Community College. (Give its name.)

High School Student Survey

6. If you plan to attend a college other than Arizona College of Technology, why are you choosing it?
-

7. If you expect to go to college, what do you plan to study?
-

8. Following are programs offered by Arizona College of Technology (A.C.T. for short.) If you were to go to A.C.T., what program would you select? (Place a "1" after your first choice. If you would consider other programs place a "2" after your second choice, "3" after your third choice, etc., indicating as many interests as you wish.)

- (1) _____ Go to A.C.T. the first two years, then transfer to a university.

- (2) Career Programs at A.C.T.

_____	Administration of Justice
28	_____
_____	Agriculture
29	_____
_____	Building Trades
30	_____
_____	Child Development
31	_____
_____	Civil Engineering Technology
32	_____
_____	Dental Assisting
33	_____
_____	Diesel Mechanics
34	_____
_____	Drafting
35	_____
_____	Electrical Technology
36	_____
_____	Machine Shop Technology
37	_____

_____	Marketing
38	_____
_____	Management
39	_____
_____	Mining Technology
40	_____
_____	Office Secretary
41	_____
_____	Radiology Technology
42	_____
_____	Refrigeration and Air Conditioning
43	_____
_____	Registered Nurse
44	_____
_____	Respiratory Therapy
45	_____
_____	Welding
46	_____

High School Student Survey

9. If you are thinking of attending Arizona College of Technology, you may want to take something not now offered there. Below is a partial list of such programs followed by space to add any others not offered at A.C.T. in which you have an interest. Check as many as you are interested in.

 Heavy Equipment Operator

Solar Energy Technology

49 Auto Body and Fender Repair

50 Building and Grounds
Maintenance

Data Processing

Journalism

List any others below not available at A.C.T. which are of serious interest to you.

Numerical Control

Traffic Management

Natural Resources Conservation

Wild Life and Game Management

Gunsmithing

Small Engine Repair

10. No doubt you know a little about Arizona College of Technology. Following is a list of things that you might think about A.C.T. Place an "x" before each statement which represents what you now think of A.C.T.

_____ It is a friendly place.

It gives students special help.

High School Student Survey

- ☐ 61 _____ It has a good faculty.
☐ _____ It is too hard.
☐ _____ It is too easy.
☐ _____ It has a nice campus.
☐ 65 _____ It is a good place to go if you aren't sure what you want to do.
☐ _____ It is a good place if you have poor high school grades.
☐ _____ It has a good variety of programs to choose from.
☐ _____ It is inexpensive.
☐ _____ It is a lot like a high school..
☐ 70 _____ It has a good guidance program with good counselors.
☐ _____ It is a good place to go the first two years of college and then transfer to a university.
☐ _____ It is a good place if you want to take some classes that can help you get a job.
☐ _____ It is a good place to go if you want to be a part-time student.
☐ _____ Teachers there care about students.
☐ 75 _____ I know almost nothing about A.C.T.

rd #2.

- ☐ 1 11. What high school are you attending? _____
☐ 2 12. Are you a MALE _____? Are you a FEMALE _____?
☐ 3 13. What year of school are you in? 9____, 10____, 11____, 12____?
☐ 4 14. What job does the head of your family have? _____

High School Student Survey

15. Do you now or have you had brothers or sisters who have attended:

(Check as many as apply.)

☐ _____ Arizona College of Technology

☐ _____ Another college or university

☐ _____ A technical school

16. Do your parents speak a language in addition to English? _____

If so, what language? _____

☐

5

☐

6

☐

7

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9

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10

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11

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12

SURVEY OF CURRENT ARIZONA COLLEGE OF TECHNOLOGY STUDENTS

This survey is being made to assist Arizona College of Technology with its long-range planning so that it can best serve people of the area in the future. Your assistance is needed for this undertaking. It can be provided by taking a few minutes to answer the questions which follow. Please give your own opinions, answering each item to the best of your ability. Your individual responses will be held in confidence by the study director. If you received another type of survey form, please complete it also.

Do not write
in this column.

6

1. Have you been able to get the courses and/or programs that you want at A.C.T.?

Yes 1 No 2 If "no", what courses and/or programs do you desire that are not available?

2. Are courses generally offered at times that are convenient for you?

Yes 1 No 2 If "no", explain: _____

3. How do you rate the quality of the instruction you are receiving? (Check as many statements as apply.)

8 Overall it is good.

 It is better than I expected.

 Overall it is better than I received in high school.

 Too often it is poor.

 Faculty are usually well prepared for their classes.

 Most faculty try to make courses interesting.

 Faculty show little interest in students

 Faculty will usually provide individual help when it is requested.

 Most faculty treat students as mature adults.

 Faculty are insensitive to the personal problems of students.

Survey of Current A.C.T. Students

4. How do you rate the courses which you have or are now taking?

- ☐ Most of them are well worthwhile
- ☐ Too many are a waste of time.
- ☐ Many are too difficult.
- ☐ Many are too easy.
- ☐ I am learning a good deal from most of them.

5. How do you rate the library (Instructional Materials Center)?

- ☐ Haven't used it enough to judge.
- ☐ It serves my needs adequately.
- ☐ The library staff is usually helpful.
- ☐ It is a good place to study.
- ☐ It is difficult to use.
- ☐ It is open at convenient times.
- ☐ It doesn't have things I need.

6. How do you rate the student personnel services of A.C.T.?

A. Counseling and Guidance

- ☐ Overall it is good.
- ☐ Have had little need for it.
- ☐ Difficult to get when needed.
- ☐ Counselors seem well qualified.
- ☐ Students are reluctant to use this service.

Survey of Current A.C.T. Students

B. Faculty Advisement

- ☐ Overall it is good.
☐ Have had little need for it.
☐ Difficult to get when needed.
☐ Advice received is generally helpful
☐ Faculty are often too busy to give students the time needed.
☐ Faculty try hard to be good advisors

C. Student Financial Assistance

- ☐ It is readily available.
☐ Have never applied for it.
☐ It is difficult to obtain.
☐ It goes to students who don't need it.
☐ The amount a student can get is often inadequate.

D. Admissions and Registration

- ☐ They are made easy and convenient.
☐ They discourage students from enrolling.
☐ The staff is helpful when problems arise.

E. Student Activities

- ☐ I have not participated in them.
☐ They are offered at times inconvenient for many students.
☐ They are well organized and directed.
☐ They are of little interest to most students.
☐ They are important to the College.
☐ They should be expanded.

Survey of Current A.C.T. Students

7. Listed below are programs not presently offered at A.C.T. which are being considered for adding. Check those that you would have considered had they been available when you entered A.C.T.

☐ 55 ☐ 61
☐ 56 ☐ 62
☐ 57 ☐ 63
☐ 58 ☐ 64
☐ 59 ☐ 65
☐ 60

☐ 55	Heavy Equipment Operator	☐ 60	Numerical Control
☐ 56	Solar Energy Technology	☐ 61	Traffic Management
☐ 57	Auto Body and Fender Repair	☐ 62	Natural Resources Conservation
☐ 58	Data Processing	☐ 63	Wild Life & Game Management
☐ 59	Journalism	☐ 64	Gunsmithing
		☐ 65	Small Engine Repair

List any others not available of serious interest to you:

8. During your enrollment at A.C.T. you have formed certain impressions of it. Following is a list of statements which suggest impressions one might have of an educational institution. Place an "x" before each statement which represents an impression you have of A.C.T.

☐ 66	☐ It is a friendly place.
☐	☐ It gives students the special help they need.
☐	☐ It has a good faculty.
☐	☐ It is too demanding.
☐	☐ It is too easy.
☐ 71	☐ It has a nice campus
☐	☐ It is a good place for a student who isn't sure what he or she wants to do.
☐	☐ It attracts students with poor academic records.
☐	☐ It has a good variety of programs to choose from.
☐ 75	☐ It is inexpensive.
☐	☐ I am glad to be here.
☐	☐ I wish I were enrolled in a different institution.
☐	☐ I would recommend A.C.T. to a friend.
☐ 79	☐ A.C.T. is better than I expected it to be.

Survey of Current A.C.T. Students

9. How do you rate the following A.C.T. facilities?

Card #2.

Type	Ade- quate 1	Inade- quate 2	Exces- sive 3	Reno- vation 4	Not Qualified to Judge 5
Classrooms					
Library					
Science Labs					
Technology Labs					
Bookstore					
Registration Area					
Student Eating Area					
Space for Student Organizations					
Space for large group gathering & Recreation					

10. For how many credit hours are you enrolled the current semester? _____

11. Where are the classes you are taking offered?

1 On campus 2 Off campus 3 Both on and off campus

12. How many credit hours have you completed at A.C.T. prior to the current semester?

(Estimate if necessary.)

13. Are you a high school graduate? Yes 1 No 2

School _____ Year _____

14. Have you attended other colleges, universities, or technical schools?

No 1 Yes 2 (If "yes", list below.)

[illegible]

15. What program are you enrolled in at A.C.T.?

Survey of Current A.C.T. Students

- 21 ☐ 16. What type of work or activity do you expect to be engaged in five years from now?

- 22 ☐ 17. Do you plan to attend another college or university after leaving A.C.T.?
No 1 Undecided 2 Yes 3 If "yes", what institution?

- 23 ☐ 18. In which of the following age groups are you?
1 Under 21 3 26-35 5 Over 45
2 21-25 4 35-45
- 24 ☐ 19. Are you a MALE 1? Are you a FEMALE? 2
- 25 ☐ 20. Does anyone in your household speak a language in addition to English?
No 1 Yes 2 If "yes", what language? 26
- 26 ☐ 21. Are you:
1 Living with your parents 3 Neither of the above
2 Married
- 27 ☐ 22. Approximately how many hours per week are you employed this semester?
_____ Are you on
shift 30-1 or day 30-2 work?
- 28-29 ☐ 23. How many miles do you live from the A.C.T. campus? _____
☐ 30
- 31-32 ☐ 24. If A.C.T. had dormitories, would you live in them?
Yes 1 No 2 Uncertain 3
- 33 ☐ 25. Are you receiving military service veteran benefits?
Yes 1 No 2
- 34 ☐
- 35 ☐ 36 ☐ 37 ☐ 38 ☐
- 39 ☐



Four empty squares are shown, each with a number below it: 1, 2, 3, and 4.

5

SURVEY OF FORMER ARIZONA COLLEGE OF TECHNOLOGY STUDENTS

This survey is being made to assist Arizona College of Technology with long-range planning so that it can better serve people of the surrounding area. Your assistance is needed for this undertaking. It can be provided by taking a few minutes to answer the questions which follow. Your individual responses will not be identified in any reports made to the College or the public. If you have received another type of survey form for this study, please complete it also.

Do not write
in this column.

6

1. Were you able to get the courses and/or programs that you wanted at A.C.T.?

Yes 1 No 2 If "no", what courses and/or programs did you desire that were not available?

7

2. Were courses generally offered at times that were convenient for you?

Yes 1 No 2 If "no" explain: 3-9

8

Overall it was good.

U

It was better than I expected.

$$\overbrace{\quad\quad}^{10}$$

Overall it was better than the instruction I have received at other educational institutions.

U

Too often it was poor.

U

____ Faculty were usually well prepared for their classes.

U

Most faculty tried to make courses interesting.

$$\frac{1}{4}$$

Faculty showed little interest in students.

Survey of Former A.C.T. Students

☐ 15

☐ Faculty usually provided individual help when it was requested.

☐
☐ Most faculty treated students as mature adults.

☐ 17

☐ Faculty were usually sensitive to the personal problems of students.

4. How do you rate the courses taken at A.C.T.?

☐ 18

☐ Most of them were well worthwhile.

☐
☐ Too many were a waste of time.

☐ 20

☐ Many were too difficult.

☐
☐ Many were too easy.

☐ 22

☐ I learned a good deal from most of them.

5. How do you rate the library (Instructional Resources Center)?

☐ 23

☐ Didn't use it enough to make a judgment.

☐
☐ It served my needs adequately.

☐
☐ The library staff was usually helpful.

☐ 26

☐ It was a good place to study.

☐
☐ It was difficult to use.

☐
☐ It was open at convenient times.

☐ 29

☐ It didn't have the things I needed.

6. How do you rate the student personnel services of A.C.T.?

A. Counseling and Guidance
☐ 30

☐ Overall it was good.

☐
☐ Had little need for it.

☐
☐ It was difficult to get when needed.

☐
☐ The counselors seemed well qualified.

☐ 34

☐ Students seemed reluctant to use this service.

Survey of Former A.C.T. Students

B. Faculty Advisement

- ☐ 35 ☐ Overall it was good.
- ☐ ☐ Had little need for it.
- ☐ ☐ It was difficult to get when needed.
- ☐ ☐ The advice received was generally helpful.
- ☐ ☐ Faculty were often too busy to give students the time needed.
- ☐ 40 ☐ Faculty tried hard to be good advisors.

C. Student Financial Assistance

- ☐ 41 ☐ It was readily available.
- ☐ ☐ Never applied for it.
- ☐ ☐ It was difficult to obtain.
- ☐ ☐ It went to students who didn't need it.
- ☐ 45 ☐ The amount a student could get was often inadequate.

D. Admissions and Registration

- ☐ 46 ☐ They were made easy and convenient.
- ☐ ☐ They discouraged enrollment.
- ☐ 48 ☐ The staff was helpful when problems arose.

E. Student Activities

- ☐ 49 ☐ I did not participate in them.
- ☐ ☐ They were offered at times inconvenient for many students.
- ☐ ☐ They were well organized and directed.
- ☐ ☐ They were of little interest to most students.
- ☐ ☐ They were important to students.
- ☐ 54 ☐ They need to be expanded.

Survey of Former A.C.T. Students

7. Listed below are programs not presently available at A.C.T. which are being considered for adding. Check those that you would have seriously considered taking had they been available when you were enrolled at A.C.T.

☐ 55 ☐ 61

☐ 56 ☐ 62

☐ 57 ☐ 63

☐ 58 ☐ 64

☐ 59 ☐ 65

☐ 60

- | | |
|---|--|
| ☐ 55 Heavy Equipment Operator | ☐ 61 Traffic Management |
| ☐ 56 Solar Energy Technology | ☐ 62 Natural Resources Conservation |
| ☐ 57 Auto Body and Fender Repair | ☐ 63 Wild Life and Game Management |
| ☐ 58 Data Processing | ☐ 64 Gunsmithing |
| ☐ 59 Journalism | ☐ 65 Small Engine Repair |
| ☐ 60 Numerical Control | |

List any others that were of serious interest but not available.

8. During your enrollment at Arizona College of Technology you formed certain impression of it. Following is a list of statements which suggest impressions one might have of an educational institution. Place an "x" before each statement which represents an impression you have of A.C.T.

☐ 66

☐
☐
☐
☐ 70

☐
☐
☐
☐
☐ 75

- ☐ It is a friendly place.
- ☐ It gives students the special help they need.
- ☐ It has a good faculty.
- ☐ It is too demanding.
- ☐ It is too easy.
- ☐ It has a nice campus.
- ☐ It is a good place for a student who isn't sure what he or she wants to do.
- ☐ It attracts students with poor academic records.
- ☐ It has a good variety of programs to choose from.
- ☐ It was inexpensive.

Survey of Former A.C.T. Students

☐ 76

☐ I am glad I went there.

☐
☐ I wish I had attended a different institution.

☐
☐ I would recommend A.C.T. to a friend.

☐ 79

☐ A.C.T. was better than I expected it to be.

Card #2.

9. During what periods were you enrolled at A.C.T.?

☐ 1 ☐ 4 ☐ 7

☐ Fall 1973

☐ Fall 1974

☐ Fall 1975

☐ 2 ☐ 5 ☐ 8

☐ Spring 1974

☐ Spring 1975

☐ Spring 1976

☐ 3 ☐ 6 ☐ 9

☐ Summer 1974

☐ Summer 1975

☐ Summer 1976

10. How many credit hours did you successfully complete at A.C.T.?

☐ (Estimate if necessary.)

10-11

☐ 12
11. Are you a high school graduate? Yes ☐ 1 No ☐ 2School ☐ 13 Year ☐ 14
☐ 13 ☐ 14

12. Have you attended another college, university or technical school?

No ☐ 1 Yes ☐ 2 If "yes", list below.InstitutionYears
☐ 15

13. What program did you enroll in at A.C.T.? If a transfer program, write "transfer." If an occupational program, give the name of the program. If neither of these enter "other."

16-17

01-22

Survey of Former A.C.T. Students

14. Are you presently employed? No 1 Yes 2

If "yes",

a. What type of work 19

b. Name of employer 20

15. In which of the following age ranges are you?

1 Under 21 3 26-35 5 over 45

2 21-25 4 35-45

16. Are you a MALE 1? Are you a FEMALE 2?

17. Are you:

1 Living with your parents

2 Married and living with spouse

3 Neither of the above.

18. Does anyone in you immediate family speak a language in addition to English?

No 1 Yes 2 If "yes", what language 25

19. While attending A.C.T. were you employed? No 1 Yes 2

If "yes", what basis? Full-time 1, Part-Time 2, Shift Work 3,

Straight days 4.

20. While attending A.C.T., would you have lived in dormitories if they had existed?

Yes 1 No 2 Uncertain 3

Please place this completed form in the addressed, postage-free envelope which has been provided and return to us.

APPENDIX D

SURVEY OF RESIDENTS OF THE AREA SERVED
BY ARIZONA COLLEGE OF TECHNOLOGY

This is the College which you have supported and helped bring into existence.

A few minutes of your time is being requested to assist us by providing information that will assist Arizona College of Technology plan for the future.

Your individual responses will not be identified in any reports made to the College or the public.

Do not write in this column. 1. Do you have plans or would you like to take courses or programs which might be offered by Arizona College of Technology?

1 No

2 Uncertain

3 Yes. If "yes", briefly describe the types of courses or programs: _____

2. Have you ever contacted the College to explore the possibility of taking courses or programs?

1 Yes

2 No

3. Are there employment skills which you would like to develop or improve?

1 Yes If "yes", briefly describe what they are:

2 No

Survey of Resident of the Area Serviced by A.C.T.

- ☐ 4. Are there personal and/or recreational skills which you would like to develop and/or improve?

1 Yes If "yes", describe briefly what they are:

2 No

- ☐ 5. Have you ever taken a class at A.C.T.?

1 Yes

2 No

- ☐ 6. Has any other member of your family ever attended a class at A.C.T.?

1 Yes

2 No

- ☐ 7. Have you ever personally visited the A.C.T. new campus?

1 Yes

2 NO

- ☐ 8. Arizona College of Technology should assist students to become responsible citizens.

1 Agree

2 Disagree

- ☐ 9. A.C.T. should prepare students for employment through technical-vocation and other occupational programs.

1 Agree

2 Disagree

- ☐ 10. A.C.T. should prepare students for transfer to four-year colleges and universities

1 Agree

2 Disagree

Survey of Residents of the Area Served by A.C.T.

11. A.C.T. should provide entertainment programs, public lectures and recreational opportunities.

1 Agree

2 Disagree

12. A.C.T. should help students gain a better understanding of their capabilities and job opportunities.

1 Agree

2 Disagree

13. A.C.T.'s policy of admitting any high school graduate or person over age 18 who demonstrates evidence of a potential for success in an unsound policy.

1 Agree

2 Disagree

14. Following are a series of questions to obtain your candid opinion of Arizona College of Technology. Please respond to each one.

(1) A.C.T. is an excellent institution

1 Agree

2 Disagree

(2) A.C.T. has strong community acceptance

1 Agree

2 Disagree

(3) Any serious student can get a good education at A.C.T.

1 Agree

2 Disagree

(4) A.C.T. is a good place to go if you want to be a part-time student.

1 Agree

2 Disagree

15. Are you a MALE 1 ?

Are you FEMALE 2 ?

Survey of Residents of the Area Served by A.C.T.

16. What is your age range?

<u>1</u> Under 21	<u>4</u> 35-45
<u>2</u> 21-25	<u>5</u> Over 45
<u>3</u> 26-35	

17. Do you have family responsibilities as a mother or father?

<u>1</u> Yes	<u>2</u> No
--------------	-------------

18. Does anyone in your household speak a language in addition to English?

<u>1</u> Yes. List if you care to: _____
<u>2</u> no

19. Are you currently seeking employment?

<u>1</u> Yes	<u>2</u> No
--------------	-------------

Thank you for your assistance. Now put completed form in the self-addressed, postage-free envelope enclosed, and return to us.

EMPLOYMENT SURVEY
ARIZONA COLLEGE OF TECHNOLOGY SERVICE AREA

If the information requested is not readily available, please make estimates

The information you provide will be kept in strict confidence. Data presented in the report will be treated in such a way that individual companies or businesses cannot be identified.

Name of Firm

Person completing report

Position held in firm

Types of Work for which A.C.T. Might be Able to Provide Pre-Service or In-Service Training	Number of Vacancies and New Employees Expected for Next 12 Months in this Type of Work	Type of Preparation Desired by Employees with this Type of Job which A.C.T. Might Provide (Check as many columns as apply.)			
		Pre-Service		In-Service	
		2 year Program	Less than 2 years	Formal Courses	Training Sessions
I. <u>Existing Programs</u>					
Building trades.....	_____	_____	_____	_____	_____
Civil Engineering Technology.....	_____	_____	_____	_____	_____
Diesel Mechanics.....	_____	_____	_____	_____	_____
Drafting.....	_____	_____	_____	_____	_____
Electrical Technology	_____	_____	_____	_____	_____
Machine Shop Technology.....	_____	_____	_____	_____	_____
Mining Technology.....	_____	_____	_____	_____	_____
Office Secretary.....	_____	_____	_____	_____	_____
Refrigeration and Air Conditioning	_____	_____	_____	_____	_____
Welding.....	_____	_____	_____	_____	_____
Auto Mechanics.....	_____	_____	_____	_____	_____

EMPLOYMENT SURVEY (cont.)

Types of Work for which A.C.T. Might be Able to Provide Pre-Service or In-Service Training	Number of Vacancies and New Employees Expected for Next 12 Months in this Type of Work	Type of Preparation Desired by Employees with this Type of Job which A.C.T. Might Provide (Check as many columns as apply.)			
		Pre-Service		In-Service	
		2 year Program	Less than 2 years	Formal Courses	Training Sessions
II. <u>Programs Being Considered by A.C.T.</u>					
Data Processing.....	_____	_____	_____	_____	_____
Heavy Equipment Operation.....	_____	_____	_____	_____	_____
Numerical Control.....	_____	_____	_____	_____	_____
Sheet Metal.....	_____	_____	_____	_____	_____
Traffic Management (Industrial)	_____	_____	_____	_____	_____
III. <u>List other Jobs of Your Company for which A.C.T. Might Provide Training</u>					
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____
_____.....	_____	_____	_____	_____	_____

APPENDIX E-b

SURVEY OF SMALL BUSINESSES AND FIRMS
ARIZONA COLLEGE OF TECHNOLOGY SERVICE AREA

This survey is being made to assist Arizona College of Technology with long-range planning so that it can better serve people of the surrounding area. Your assistance is needed for this undertaking. It can be provided by taking a few minutes from your busy schedule to answer the following questions. Your individual responses will not be identified in any reports made to the College or the public. If you have received another type of survey form from this study, please complete it also.

1. Does your firm have a problem finding qualified employees?

Yes _____ (What specific jobs are involved?) No _____

2. Do you have to look for some personnel in other than the immediate community?

Yes _____ (What specific jobs are involved?) No _____

3. From what sources do you obtain employees who require prior training?

___ a. Present staff ___ b. Private agency ___ c. Secondary schools ___ d. Proprietary schools ___ e. Colleges and universities ___ f. Public employment office ___ g. Direct application	___ h. Labor union ___ Other (What other sources do you use?)
--	---

Small Businesses and Firms Survey

4. Would you like to see your prospective employees better trained in any skill?

Yes _____ (In what specific way would you like to see them better prepared?) No _____

5. Does your firm train presently employed personnel for the purpose of promoting or advancing them?

Yes _____ (What jobs are involved?) No _____

6. Have there been programs and/or courses offered during the past year by Arizona College of Technology which served a training need of your firm?

Yes _____ (List such programs and/or courses) No _____

7. Are there other programs and/or courses which you think Arizona College of Technology could offer that would serve training needs of your firm?

Yes _____ (List such programs and courses) No _____

Small Businesses and Firms Survey

8. Check the following statements which you believe describe the efforts of Arizona College of Technology to serve your firm's training needs:

_____ It is making a serious effort to help us.

_____ The quality of what it has done for us has generally been good.

_____ It could serve us much better.

_____ It seems to have little interest in serving us.

9. Please indicate need for each of the following services to yourself and your employees:

	High	Moderate	Low	None
A. Short-Term training sessions on specific needs of the business or firm	_____	_____	_____	_____
B. Courses for upgrading a needed skill	_____	_____	_____	_____
C. Courses leading to an Associate Degree	_____	_____	_____	_____

10. What are the best times for scheduling meetings and classes for you and your employees?

	(Check whichever times are acceptable)	(Number times in order of preference)
A. Weekday, work hours	_____	_____
B. Weekday, noon hour	_____	_____
C. Weekday, after 5 P.M.	_____	_____
D. Weekends—Saturday	_____	_____
E. Weekends—Sunday	_____	_____

11. Location for classes (number locations in order of preference)

At the A.C.T. campus _____

Other location _____ Specify where _____

Small Business and Firms Survey

12. Would your business or firm consider paying tuition for employees enrolled in:

_____ Short-term training sessions
_____ Courses for upgrading in a needed skill
_____ Courses leading to an Associate Degree

Name of Business or Firm _____

Person completing this survey form _____
(Title or Position)

Please place this completed form in the self-addressed, postage-free envelope which has been provided, and return to us.

SURVEY OF FACULTY AND STAFF
OF ARIZONA COLLEGE OF TECHNOLOGY

This survey is being made to assist Arizona College of Technology with long-range planning so that it can better serve educational needs of the surrounding area. Your assistance is needed for this undertaking. It can be provided by taking a few minutes to answer the questions which follow. Your individual responses will be held in confidence by the study director at the University of Arizona. There is no need to identify yourself but you may if you wish.

1. How well, in your judgment, are each of the following groups being served by A.C.T.?

<u>Group</u>	<u>Being Served</u>			
	<u>Well</u>	<u>Adequately</u>	<u>Poorly</u>	<u>No Opinion</u>
(1) Transfer students	—	—	—	—
(2) Occupational students	—	—	—	—
(3) Advanced high school students	—	—	—	—
(4) High school dropouts	—	—	—	—
(5) Working adults	—	—	—	—
(6) Retired people	—	—	—	—
(7) Physically handicapped	—	—	—	—
(8) Unemployed	—	—	—	—
(9) Employers	—	—	—	—
(10) Minority groups	—	—	—	—

Survey of Faculty and Staff of A.C.T.

2. Are there existing programs and/or services of A.C.T. which you believe should be expanded and/or strengthened to better serve the area? (You should consider only those programs or services which you feel qualified to judge.)

<u>PROGRAM OF SERVICE</u>	<u>RECOMMEND</u>	
	<u>Strengthening</u>	<u>Expanding</u>
(1) _____	_____	_____
(2) _____	_____	_____
(3) _____	_____	_____
(4) _____	_____	_____
(5) _____	_____	_____
(6) _____	_____	_____

(Use reverse side if more space is needed.)

3. Are there programs, courses, and/or services which you believe A.C.T. should add if it is to adequately serve the area? If so, list them below.

<u>PROGRAM, COURSE or SERVICE</u>
(1) _____
(2) _____
(3) _____
(4) _____
(5) _____
(6) _____

(Use reverse side if more space is needed.)

Survey of Faculty and Staff of A.C.T.

4. Are there existing programs, courses and/or services offered by A.C.T. which you believe should be eliminated or reduced?

PROGRAM, COURSE or SERVICE	RECOMMEND	
	<u>Eliminating</u>	<u>Reducing</u>
(1) _____	_____	_____
(2) _____	_____	_____
(3) _____	_____	_____
(4) _____	_____	_____
(5) _____	_____	_____
(6) _____	_____	_____

(Use reverse side if more space is needed)

5. How do you rate the following A.C.T. facilities?

<u>TYPE</u>	<u>Ade- quate</u>	<u>Inade- quate</u>	<u>Exces- sive</u>	<u>Need Re- novation</u>	<u>Not Quali- fied to judge</u>
(1) Classrooms	_____	_____	_____	_____	_____
(2) Instructional Materials Center	_____	_____	_____	_____	_____
(3) Science Labs	_____	_____	_____	_____	_____
(4) Technology Labs	_____	_____	_____	_____	_____
(5) Bookstore	_____	_____	_____	_____	_____
(6) Registration area	_____	_____	_____	_____	_____
(7) Student eating area	_____	_____	_____	_____	_____
(8) Space for student organizations	_____	_____	_____	_____	_____
(9) Space for large group gatherings and recreation	_____	_____	_____	_____	_____

Survey of Faculty and Staff of A.C.T.

6. Make any additional suggestions you have for improving A.C.T. as a comprehensive community college. Be as specific as possible. Use reverse side if more space is needed.
7. How long (years) have you been employed at A.C.T.? _____
8. What is the nature of your duties?
- | | |
|------------------------------------|----------------------------------|
| _____ Academic faculty | _____ Administrative staff |
| _____ Developmental faculty | _____ Classified staff |
| _____ Occupational faculty | _____ Student personnel services |
| _____ Other (please specify) _____ | |
9. What type institution or organization were you associated with before coming to A.C.T.?
- | |
|------------------------------------|
| _____ Another two-year college |
| _____ Secondary school |
| _____ Business |
| _____ Industry |
| _____ Other (please specify) _____ |

Survey of Faculty and Staff of A.C.T.

10. How long have you lived in the immediate area?

_____ Less than 3 years

_____ 3 to 5 years

_____ 6 to 10 years

_____ over 10 years

11. Are you MALE _____?

Are you FEMALE _____?

Please place this completed form in the self-addressed, postage-free envelope which has been provided, and return to us.

APPENDIX G

SURVEY OF ADVISORY COMMITTEE MEMBERS

ARIZONA COLLEGE OF TECHNOLOGY

This survey is being made to assist Arizona College of Technology with long-range planning so that it can better serve people of the surrounding area. Your assistance is needed for this undertaking. It can be provided by taking a few minutes from your busy schedule to answer the following questions. Please be candid and give your own reactions. Your individual responses will not be identified in any reports made to the College or the public. If you have received another type of survey form for this study, please return it also.

1. Following is a list of functions which might be performed by an advisory committee. Please indicate the extent to which you, in your capacity of an advisory committee member, have performed each of these functions.

Function	Extent Performed			
	Extensive	Considerable	Limited	Not at all
	1	2	3	4
Assist in Surveys to determine demand for graduates of program.	_____	_____	_____	_____
Advise in identifying skills needed by graduates of program.	_____	_____	_____	_____
Advise in developing student selection criteria.	_____	_____	_____	_____
Assist in developing public information about the program.	_____	_____	_____	_____
Advise as to the need for special facilities, equipment and material for the program.	_____	_____	_____	_____
Recommend potential instructors.	_____	_____	_____	_____
Keep the College informed on employment supply and demand.	_____	_____	_____	_____
Advise in developing cooperative work experiences with business or industry.	_____	_____	_____	_____

Survey of Advisory Committee Members

<u>Function</u>	<u>Extent Performed</u>			
	<u>Extensive</u>	<u>Considerable</u>	<u>Limited</u>	<u>Not at all</u>
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Assist in the recruitment of students.	_____	_____	_____	_____
Assist in the placement of graduates.	_____	_____	_____	_____
Recommend criteria for evaluating the program.	_____	_____	_____	_____

2. Overall, how do you evaluate the effectiveness of the advisory committee on which you serve?

1 Excellent 2 Adequate 3 Poor
 If poor, what suggestions do you have for its improvement? _____

3. How do you rate the following features of the program for which you are an advisory committee member?

<u>Features</u>	<u>Rating</u>		
	<u>Good</u>	<u>Satisfactory</u>	<u>Inadequate</u>
	<u>1</u>	<u>2</u>	<u>3</u>
Competence of the program staff.	_____	_____	_____
Number of students enrolled.	_____	_____	_____
Demand for graduates.	_____	_____	_____
Competence of graduates	_____	_____	_____
Community acceptance of the program.	_____	_____	_____
Special facilities needed for the program.	_____	_____	_____
Special equipment needed for the program.	_____	_____	_____

Survey of Advisory Committee Members

4. What are your views regarding the future (next 4 or 5 years) of the program for which you are an advisory committee member? (Check as many items as you judge applicable.)

☐ It should continue essentially unchanged.

☐ It should be expanded.

☐ It should be reduced in size.

☐ It should be substantially revised.

☐ It should be discontinued.

☐ Expanded facilities will need to be provided.

☐ Additional equipment will be needed.

☐ New (updated) equipment will be needed.

☐ Greater effort will be needed on student recruitment.

☐ Inservice upgrading will be needed for instructors.

5. For what program are you an Advisory Committee member? _____

How long have you served? _____

6. Make any other suggestions you have regarding the program with which you are involved that might be helpful to A.C.T. in its long-range planning.

Please place this completed form in the self-addressed, postage-free envelope which has been provided, and return to us.